

SHRI VAIHSNAV VIDHYAPEETH

VISHWAVIDHYALAYA

Department of Computer Science and Engineering

Session: Jan-June 2021



INTERNSHIP REPORT

A report submitted in partial fulfillment of the requirements for the Award of Degree of

BACHELOR OF TECHNOLOGY

in

Computer Science and Engineering

by

Punit Tiwari 17100BTCSE01254

Under the Supervision of

Industry Mentor	University Mentor
Mr. Bhavin Tank	Ms. Pooja Deshpande
Business Analyst, Team Leader	Faculty
Mentor	Mentor
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(Duration: 25th January 2021 to 30th April 202)

Department of Computer Science Engineering
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SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY



2020-2022

DECLARATION

I hereby declare that work, which is being presented in the Internship Report as the partial fulfillment for the award of degree of **Bachelor of Technology in Computer Science and Engineering** in the **Department of Computer Science Engineering** at **Shri Vaishnav Institute of Information Technology** of Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore, is an authentic record of my work carried out under the Mentorship of **Ms. Pooja Deshpande Assistant Professor Department of Computer Science Engineering**. The matter embodied in this internship report has not been submitted for the award of any other degree.

Enrollment Number: 17100BTCSE01254

Student

Signature Date: 23/05/2021

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY



2020-2022

INTERNSHIP APPROVAL SHEET

This is to certify that **Mr. Punit Tiwari** enrollment number 17100BTCSE01254 has successfully completed her industrial internship starting from 25th January 2021 to 30th April 2021 and has submitted the final report. His work has been found satisfactory and it is recommended to accept it as a partial fulfillment for the award of degree of **Bachelor of Technology Computer Science and Engineering** of the **Department of Computer Science Engineering** at **Shri Vaishnav Institute of Information Technology of Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore.**

Internal Examiner

Date: 25-05-2021

External Examiner

Date: 25-05-2021

CERTIFICATE OF COMPLETION



Date: 30th April 2021

TO WHOM IT MAY CONCERN

INTERNSHIP COMPLETION CERTIFICATE

Dear Sir / Ma'am,

This will confirm that **MR. PUNIT TIWARI**, student of **B.Tech – Computer Science & Engineering, SVVV** has successfully completed an **Internship Project** in the role of **Software Developer – Intern** with **Purplebits Infosystems Private Limited, Vadodara** from **25th January 2021** till **30th April 2021**. He has completed the Internship through **Work from Home**.

During this period, **Mr. Punit** worked on various areas of Software Product Development and successfully made the objectives that were set at the beginning of the project. His performance and his skills at work has been promising because of his sincerity, dedication and hard work.

We wish him every success in his future endeavours.

We hereby certify that the above details are true according to our records and to the best of our knowledge & belief.

For, PurpleBits InfoSystems Private Limited

Mr. Rajendra Sharma

Manager – HR & Operations

(This is a software / system generated letter copy; hence signature is not required)

Website : www.purpledocs.com
Sales : sales@purpledocs.com +91 99099 03539

A service offering from PurpleBits Infosystems Pvt. Ltd. (CIN U72200GJ2010PTC062203)
H.O. : 911, Dev Prime, Off Corporate Road, Prahaladnagar, Ahmedabad 380051, Gujarat.
Customer Care : customercare@purpledocs.com +91 92275 99567

**SHRI VAISHNAV VIDYAPEETH
VISHWAVIDYALAYA
SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**

CERTIFICATE

This is to certify that **Mr. Punit Tiwari (17100BTCSE01254)** has successfully completed his industrial internship, starting from 25th January 2020 to 30th April 2020 and has submitted the final report. She has successfully completed this Internship under the Mentorship of **Ms. Pooja Deshpande, Assistant Professor Department of Computer Science Engineering** as a partial fulfillment of the degree of **Bachelor of Technology in Computer and Communication Engineering** of the **Department of Computer Science Engineering** at **Shri Vaishnav Institute of Information Technology of Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore** during the semester **Jan – June 2021**.

Internal Mentor

HoD

Director

**SHRI VAISHNAV VIDYAPEETH
VISHWAVIDYALAYA
SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**

ACKNOWLEDGEMENT

First, I would like to thank **Dr. Upinder Dhar**, Hon'ble Vice Chancellor of the University for giving me an opportunity to do the internship with an external organization.

Secondly, I would like to extend my sincere gratitude towards the Director **Mr. Deepak Dupla and Mrs. Pooja Gupta** of **Purplebits Infosystems Pvt. Ltd. (PurpleDocs)** for giving me an opportunity at their esteemed organization.

I also would like to thank all the people that worked along with me at **Purplebits Infosystems Pvt. Ltd. (PurpleDocs)**. With their patience and openness, they created an enjoyable working environment. It is indeed with a great sense of pleasure and immense sense of gratitude, that I acknowledge the help of these individuals

I am highly indebted to the Director and HoD **Dr. Anand Rajavat** , for the facilities and continuous support provided by them to accomplish this internship. I would also like to thank my faculty mentors **Ms. Pooja Deshpande** for their constructive criticism throughout my internship. I would like to thank them for their support and advice to complete an internship in the above said organization. I am extremely grateful to my department's staff members and friends who helped me in successful completion of this internship.

Name of the student: Punit Tiwari

Enrollment number:17100BTCSE01254

Branch: Computer Science and Engineering

EXECUTIVE SUMMARY

This report is all about the website development process at PurpleDocs. And the main aim of this report is to have an adequate knowledge of all the technical things that are required in the field of development of the website.

The initial part of the project focuses on the job & responsibilities. I was allotted as a software engineering intern. It also makes the readers aware about the techniques & methodology used to bring this report alive.

Further the project tells us the profile of the company. It provides knowledge to the readers regarding the company's history, mission, vision, customer base & the reason to be associated with the company.

This study suggests the overall process of how development of applications and websites is done at PurpleDocs. what are all the steps that are taken to develop a project and make it live on the internet. The firm also focuses on how to manage the database as it has a bulk of the database growing rapidly each day. Additionally, there is no compromise with the service of old customers when new customers are added for their various projects.

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CHAPTER 1

A BRIEF INTRODUCTION OF THE ORGANIZATION'S BUSINESS SECTOR

Purplebits Infosystem (PurpleDocs) belongs to the Information Technology Sector in India. It is a well-organized start-up in this sector.

The Information Technology sector is a field which is undergoing rapid evolution and is changing the shape of Indian business standards. This sector includes software development, consultancies, software management, online services and business process outsourcing (BPO). India's IT industry is expected to grow at a rate of 12 - 14% during 2016 - 2017 as per a report by India's software industry body National Association of Software and Services Companies (NASSCOM.) This clearly shows that information technology is a sector which will likely be one of the emerging markets in the days to come as India's economy requires more hardware, software and other IT services. In a NASSCOM-McKinsey report, India's position in the global offshore IT industry is based on five factors - abundant talent, creation of urban infrastructure, operational excellence, conducive business environment and finally, continued growth in the domestic IT sector.

IT BPM industry revenues (excluding hardware) for the Financial Year 2016-17 is estimated to be at US\$ 154 billion. IT sector contributed to India's GDP by 7.7% in the year 2016. In the Financial Year 2016, TCS stood as the market leader with about 10.4% contribution to India's IT sector revenue. The IT market is quite competitive with the top 5 IT firms contributing over 25% to the total IT revenue. For the Financial Year 2017.

The IT industry is heavily influenced by factors like the global market and sustenance of its rate of growth. The recession in the United States also impacted the IT community in India negatively. This segment is promising and has vast potential, but there are concerns regarding the demand-supply gap, which is widening. Some challenges which the industry is facing are inadequate infrastructure, tax issues and limited preferential access for local firms. China and

Taiwan are examples of low cost destinations, and India needs to change its current tax structure so that it can outdo competition from other countries.

One of the biggest benefits that the computer and IT industry provides in India is the employment it can generate. Other benefits are export and Foreign Direct Investments (FDI). New markets have opened up in the Middle East, Africa, Eastern Europe, and South and South East Asia. India is now a major destination for IT outsourcing. There is no dearth of IT job opportunities in India. In fact, India is expected to overtake the US to have the most number of software developers in 2018 (52 lakh developers in India against America's 42 lakhs).

The IT industry is one which is not limited to software development alone. Technology can be applied in libraries, hospitals, banks, shops, prisons, hotels, airports, train stations and many other places through database management systems, or through custom-made software as seen fit.

Among other sectors, the IT sector in India has been driving growth for the last decade and more, and has the potential to continue doing so for the next couple of years if shortcomings are met and challenges are faced.

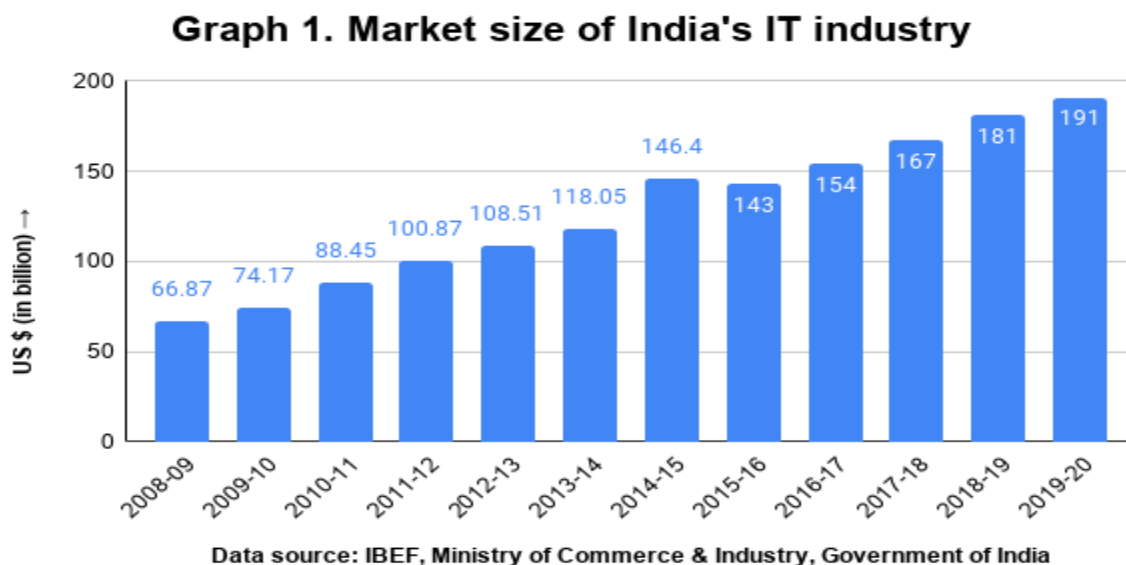


Fig 1
Graph of IT – Sector growth

CHAPTER 2

OVERVIEW OF THE ORGANIZATION

2.1 Brief History

PurpleDocs works in a Hub & Spoke model, where sales offices and patient-data collection centres have been deemed as spokes, and most of the data processing by the startup is done over the cloud, from its centralised hub.

Bootstrapped with Rs 35 lakh for the first five years, PurpleDocs raised Rs 2.7 crore in its angel round in 2016 from KellyGamma Funds and Lead Angels to further scale its business.

According to the co-founders, PurpleDocs revenue has gone up 4X since 2016. From two cities and 30-odd hospitals, PurpleDocs has expanded its customer base to 150 healthcare providers in 14 cities and across three states.

At present, the startup is offering its services in Gujarat, Maharashtra, and Karnataka. “We are also in talks with a few hospitals in Telangana, New Delhi, and Rajasthan,” Deepak adds.

The startups’ clients include single-speciality hospitals, multi-speciality hospitals, single-person owned clinics, corporate hospitals, research hospitals, and trust hospitals.

In PurpleDocs developers, designers, product managers, artists, etc. get the credit they deserve for all the hard work.

2.2 Product lines

The company owns two Apps and a Website.

The websites go by the names:

MyPurpledocs.com – In this one can get all the information of what we as a team doing.

PurpleEMR: It is an online health record management system designed to ease doctors as well as patients. It is available in both Web and Android as well.

PD+: A suite of Tablet based Android Apps and Web Apps for Doctors, Clinics and Hospitals.

PD Engage: An App for Patient Engagement to improve patient care and patient satisfaction and plug revenue leakages and increase revenue.

PD Analytics: AI and ML driven Healthcare Data Analytics platform to help make useful inferences and predictions for better patient care and preventive healthcare.

MyPd: A super easy way to build, manage and analyze your and your family's medical history.

PHR APP: A super easy way to build, manage and analyze your's and your family's medical history via mobile application.

2.3 Competitors

- Akhil Systems Pvt. Ltd.
- Tenwave Infotech Pvt. Ltd.
- DocEngage.
- Option Matrix Infotech Pvt. Ltd.
- Insta Health solution Pvt Ltd.

2.4 Brief summary of all the departments

The company has many departments in which it is divided into. The departments are; HR department, Front-end developing, Back-end developing, Designing, Content Writing, Customer Service. Each department is unique in it's own way and yet co-related and interdependent upon each other. With the cumulative effort of each department a website or app is developed and made online for usage. The brief description of each department is done below.

The HR department screens and interviews various job applicants, also directing and coordinating the administrative functions of the company. They may handle employee relations, payroll, benefits, and training.

The Front-end developing department and the Back-end development department both work on the core development of the website's code and the database on different platforms like Eclipse , VScode, Android studio, HeidiSql etc by using languages like Java, Flutter and frameworks like AngularJs, ReactJs. They solve all the bug fixes and updates that occur in the websites and apps.

The designers design each page and module of the websites and apps and all the brochures and youtube videos for the promotions of their services to the users.

The content writing department accommodates writers who write blogs for the updates and promotions on the website to attract customers from all over the world to register on the websites the company has designed.

The Customer Service Department deals with the customers of the services provided by the company and solves all the queries and customer related issues of the services.

CHAPTER 3

PLAN OF INTERNSHIP PROGRAM

3.1 Brief introduction of the branch and department

I was a software engineering intern in the firm and majorly worked under two departments: front end development department and designing. The front end development department gave me tasks to work on the front end of the websites under development. Also the designing department assigned tasks to design the UX/UI of the website.

The front end department generally uses ReactJs and AngularJs as the core development language for all the projects and I used the language too for the developments from my side. Also the design had HTML, CSS and Javascript used precisely for the design purposes. I was trained to use AngularJs and ReactJs firstly so that the developments could get easier for me.

The Designing department used HTML, CSS and Javascript which I was already familiar with. The designing was done for mobile website and desktop website both and made live for the users to use it conveniently.

3.2 Starting and Ending date of the Internship

The internship started on 25th January, 2021 and ended on 30th April, 2020 letting me complete 94 days in the firm.

3.3 Names of the department in which you obtained Training

The departments that I was trained in were Designing and Front end development departments. I got training in the designing department for about 15 days and in the front end developing department for another 15 days. The remaining 2 months I learnt how to develop and all the languages thereafter so that I could use the training efficiently to develop the project.

CHAPTER 4

TRAINING PROGRAM

4.1 Duties and Responsibilities Performed

The internship program started on January 25th 2021. The internship was for 3 months and ended on April 30th 2021. During the internship I was assigned various tasks and responsibilities. The weekly log of all the tasks and responsibilities is stated below.

4.1.1 Weekly Log

During the internship I was assigned a lot of tasks on the basis of web development and designing of the web pages majorly dealing in AngularJS and ReactJs.

In the first 15 days I was trained in Angular and everything about it. Then I was told to practice it and make various codes they were given so as they knew I have gained enough knowledge. Next I was trained in using various tools for scraping web pages like Bootstrap, Angular-material design, Font Awesome etc. I was trained vigorously to get command of the domain. Then I was given some ux/ui screens to develop, namely Register Patient, Add patient, Search patient. Chrome Developer Tools is a set of tools dedicated to debugging a website – the vast majority of options would be used only by web developers and programmers. However, SEOs are interested in the website's quality and 'behavior' too. Chrome Developer Tools provides this information immediately.

How to access Developer Tools:

Open the browser and go to the page you want to analyze. There are three ways to access the tools:

- Chrome's Menu: More Tools → Developer Tools
- Shortcuts: Windows (CTRL+Shift+I OR F12) or Mac (Command+Option+I)
- Inspect: you can inspect all the element on the website (Right-Click → Inspect)

Then I was given some functional bugs to resolve in an existing application, it was quite difficult

in the beginning but with time I learned how to debug the problem and find the best suitable solution for the same.

The next 15 days of February I learned About API's. API stands for application programming interface. APIs are the little pieces of code that make it possible for digital devices, software applications, and data servers to talk with each other, and they're the essential backbone of so many services we now rely on. Websites and APIs both do the same things, like return data, content, images, video, and other information. But APIs don't return all the details that are needed to make things look pretty for the human eye—you only get the raw data and other machine-readable information needed behind the scenes to put the resources being delivered to work, with very little assistance from a human. Then comes the integration of API's. API integration is simply the connection between two (or more) applications, programs, services, or systems, using APIs. Applications use APIs to send and receive data and content between each other.

Then I learnt about FireBase. Firebase is a toolset to “build, improve, and grow your app”, and the tools it gives you cover a large portion of the services that developers would normally have to build themselves, but don't really want to build, because they'd rather be focusing on the app experience itself. This includes things like analytics, authentication, databases, configuration, file storage, push messaging, and the list goes on. The services are hosted in the cloud, and scale with little to no effort on the part of the developer. In this I mainly have to work on push messaging and notification. Firebase Cloud Messaging Platform (formerly named as GCM) is a free mobile notification service by Google that enables (third-party) app developers to send notifications from GCM (Google Cloud Messaging) servers to their users. It will give you the luxury to inform your user in real time about the new email or other data available for sync. It works on the principle of down streaming messages from FCM servers to user's apps and upstream messages from user's apps to FCM servers. Firebase comes with a lot of new features along with the GCM infrastructure.

In the first 15 days of March I did learn about how to make a PDF file using angular and javascript. For this I have used a javascript library called PDFMake. PDFMake is a popular client-side and server-side pdf generation javascript library. It provides various features like adding tables, columns, lists, links, images, styling, headers/footers, document meta-information, and all other important PDF generation features. It also provides some extraordinary features like adding QR Code,

Watermark, Table of Content, Encryption and Access Privileges. It has around 8.4 K stars and 1.5 K forks on GitHub. Now, let's see How to generate PDF with PDFMake in Angular using Invoice Generator demo application. Let's start the step by step implementation.

The last 15 days of March I solved all the bugs of a website I was working on. Solved some url issues which were already occurring. Added a lot of functionalities to the main website like the filtering of platforms of desktops with the help of queryset in AngularJs and learnt a lot about making and implementing queries.

Also learnt about git and how to push the code so that it could be made live on the website for users. Git also has excellent support for branching, merging, and rewriting repository history, which has led to many innovative and powerful workflows and tools. Pull requests are one such popular tool that allow teams to collaborate on Git branches and efficiently review each other's code. Git is the most widely used version control system in the world today and is considered the modern standard for software development. The git push command is used to upload local repository content to a remote repository. Pushing is how you transfer commits from your local repository to a remote repo. It's the counterpart to git fetch, but whereas fetching imports commits to local branches, pushing exports commits to remote branches. Remote branches are configured using the git remote command. Pushing has the potential to overwrite changes, caution should be taken when pushing. Using a pull request, you're requesting that another developer or the project owner pull a branch from your repository and add it to the project. Here's how to create a pull request from the Bitbucket website.

The first 15 days of April I learnt about ReactJs library/framework.React JS is a JavaScript library used in web development to build interactive elements on websites.React is a JavaScript library that specializes in helping developers build user interfaces, or UIs. In terms of websites and web applications, UIs are the collection of on-screen menus, search bars, buttons, and anything else someone interacts with to USE a website or app.In addition to providing reusable React library code (saving development time and cutting down on the chance for coding errors), React comes with two key features that add to its appeal for JavaScript developers are JSX and Virtual DOM.

JSX (short for JavaScript eXtension) is a React extension that makes it easy for web developers to modify their DOM by using simple, HTML-style code. And—since React JS browser support

extends to all modern web browsers—JSX is compatible with any browser platform you might be working with. If a developer uses JSX to manipulate and update its DOM, React JS creates something called a Virtual DOM. The Virtual DOM (like the name implies) is a copy of the site's DOM, and React JS uses this copy to see what parts of the actual DOM need to change when an event happens (like a user clicking a button).

I have made a number of components for our project using ReactJS. We have used the Twilio project to provide video consultation features on our website. Tests are routines that check the operation of your code.

Testing operates at different levels. Some tests might apply to a tiny detail while others examine the overall operation of the software, using the shell to examine the behavior of a method, or running the application and entering data to check how it behaves. What's different in automated tests is that the testing work is done for you by the system. You create a set of tests once, and then as you make changes to your app, you can check that your code still works as you originally intended, without having to perform time-consuming manual testing. It's a mistake to think of tests merely as a negative aspect of development. Without tests, the purpose or intended behavior of an application might be rather opaque. Even when it's your own code, you will sometimes find yourself poking around in it trying to find out what exactly it's doing. Tests change that; they light up your code from the inside, and when something goes wrong, they focus light on the part that has gone wrong - even if you hadn't even realized it had gone wrong.

In the last 15 days I fixed the design of the website for phone and desktop both and made changes to it accordingly through the CSS and HTML code. Angular's approach to web design is simple—keep Angular's logic and code separate from design. It's very important to understand that Angular's directives are not simply javascript code embedded into HTML.

To summarise I learnt about a lot of things that were new to me and it was a great experience to learn such things and implement them to get experience for good. I learnt about new platforms and new languages and glad to say I have command over all of them well enough that I can code in those very easily. It was a great experience to work and gain a lot of information about a lot of things and get to implement all of them at once overtime.

4.1.2 Project Description.

I worked on a live website PurpleEmr. It is the company's website which was in development and many functionalities were needed to be added in the website. The website is solely developed in AngularJs and for database management MySQL is used to collect all the data. The website is basically an innovative cloud based offering for digitisation of Indoor Patient Records and Diagnostics and making them accessible and analyzable online. When it comes to any health diagnosis, it is extremely important to provide the entire patient history to the doctor, as one missed allergy or injury may result in a faulty diagnosis. A patient's clinical data can not just help improve care for the patient in question, but also future patients. In the Indian healthcare space, most of this data is unstructured, non-analysable, and often, unretrievable, mostly for being in the paper format, which also poses legal risks to healthcare providers from a compliance perspective.

PurpleDocs' flagship service (on the same name), is a cloud-based offering that allows the digitisation of patient records. PurpleDocs digitises all paper-based case sheets, indoor patient files, MRIs, CT scans, x-Rays, and lab reports, which is encrypted and securely stored in the cloud, removing the risks of losing them.

MyPD, helps patients build, manage, and analyse their family's medical history for free. It also allows patients to find nearby hospitals and chemists, share their medical records with a third-party instantly, and set reminders for medicines, follow-ups, and lab visits. PD+, which was launched two years back, is a suite of tablet-based Android apps and web apps for doctors, clinics, and hospitals, which allows its clients to run an analysis using prescriptions and other parameters on OPD practice.

Screenshots of Project:

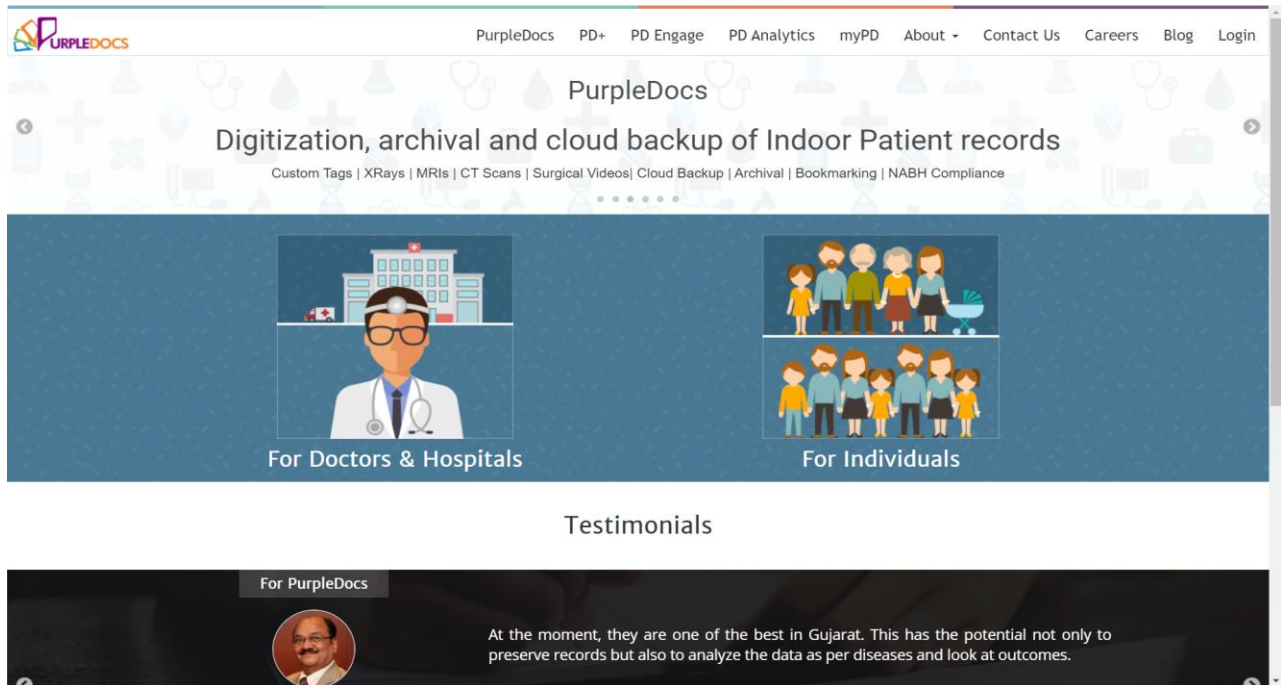


Fig 2 Home page

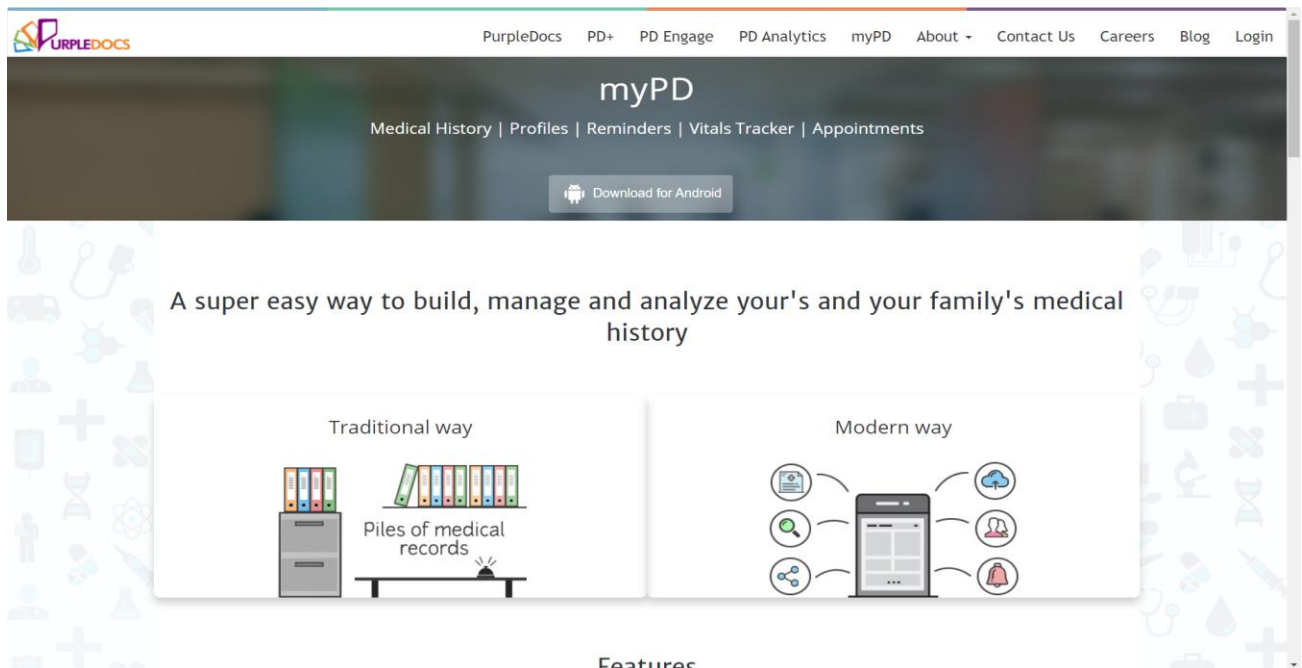


Fig 3 Add Your Company



Log In

User Name (required) *

Password (required) *

Login

Fig 4 login Form

PD CSC Test

- [Dashboard](#)
- [Patient Queue](#)
- [Register Patient](#)
- [Search Records](#)
- [Billing](#)
- [Care Plan](#)
- [Settings](#)
- [Logout](#)

Powered by PurpleDocs

☰

DOC 1

⌵

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🔔

Today's Patient Queue

< 24-05-2021 >

Un-confirmed Appointments

PR NO. -PD004 DOC 1 COMPLAINTS:	JANANIONEAGENT Visit Type: Followup Patient Type: Regular	M / 20 Y WAIT TIME: 00:00 Payment link not generated	APT. TIME: 16:00 PM In Person <div style="display: flex; align-items: center;"> <div style="background-color: #4a7ebb; color: white; padding: 2px 5px; border-radius: 3px;">Start</div> </div>
Waiting			
PR NO. -PD019 DOC 1 COMPLAINTS:	JANANI Visit Type: Followup Patient Type: Regular	/ 20 Y WAIT TIME: 00:00 Payment link not generated	APT. TIME: 18:30 PM In Person <div style="display: flex; align-items: center;"> <div style="background-color: #4a7ebb; color: white; padding: 2px 5px; border-radius: 3px;">Start</div> </div>
Waiting			
PR NO. -PD003 DOC 1 COMPLAINTS:	JANNAGENTONE Visit Type: Followup Patient Type: Regular	M / 20 Y WAIT TIME: 6:23 Payment link not generated	APT. TIME: 16:00 PM In Person <div style="display: flex; align-items: center;"> <div style="background-color: #4a7ebb; color: white; padding: 2px 5px; border-radius: 3px;">Start</div> </div>
Consultation Over			
PR NO. -PD021 DOC 1 COMPLAINTS:	NEW PATIENT Visit Type: Followup Patient Type: Regular	/ 22 Y WAIT TIME: 00:00 Payment link not generated	APT. TIME: 18:30 PM In Person <div style="display: flex; align-items: center;"> <div style="background-color: #4a7ebb; color: white; padding: 2px 5px; border-radius: 3px;">Start</div> </div>
Waiting			

Fig 5 Patient Queue

PD CSC Test

Dashboard
Patient Queue
Register Patient
Search Records
Billing
Care Plan
Settings
Logout

Powered by PurpleDocs

DOC 1

Register Patient - Using Phone Number

Name *

Email

Preferred Language

English

Phone Number *

+91 9893

Gender *

☐ Male
☐ Female
☐ Other
☐ Undisclosed

Birthdate

dd-mm-yyyy

Age

Address

City

Fig 6 Register Patient

PD CSC Test

Dashboard
Patient Queue
Register Patient
Search Records
Billing
Care Plan
Settings
Logout

Powered by PurpleDocs

DOC 1

Add Appointment Details

Patient Details

Case No

--

☒ Generate New Case

Patient Name

PUNIT TIWARI

Appointment Details

☒ Walk In
☐ Appointment

Consultation Type

In Person

For Consultation

DOC 1

Date *

2021-05-24

Time *

10:00

Visit Type

Followup

Patient Type

Fig 7 About Us

CHAPTER 5

LEARNING EXPERIENCE

5.1 Knowledge acquired-

Throughout the course of my three-month internship, I was given the opportunity to see first-hand what it takes to run a software company and code according to the user's needs while also implementing a professional website alongside . I was able to work with the core developers and designers team to ensure that every aspect of the website ran smoothly. I had the huge responsibility of making sure everything was set up before any users could use the website and it was made live, which was sometimes harder than I could have imagined. I also had to make sure that the proper implementations of functionalities in the website were taking place to avoid any bugs to occur in the live website and it was running at the correct points on the web to ensure that the PurpleDocs team got their recognition. Throughout my experiences, I was able to gain a better understanding of how websites and coding works and is tied into the aspect of business. Any activity that the users would see online, I was part of setting or coding it up. All the eyes in one spot made it so that I had to be very critical and precise with what I was doing to make sure that no one was let down. Working so hard for the PurpleDocs company was a great learning experience for me in not only choosing a career path, but also learning strengths and weaknesses about myself. I know that the details that I learned through my experiences with the Firm will be very valuable in my immediate future when choosing a career path. The internship helped me to learn everything in a practical manner instead of the theoretical way of learning in college. It helped me to think out of the box and find the solution by myself.

The tools used in the industry are part of their academic curriculum. It also gives the chance to be a part of live tasks that sharpen their technical skills, analytical and logical thinking, and builds self-confidence in them.

Also, I can improve my weaknesses and think more rationally in the handle which had been given by the employer. It incorporates me with the integrated learning environment mixed with

practical knowledge, and project-based learning giving an additional advantage to my career.

5.2 Skills learned –

Internships are meant to be a learning experience, and while experiences and skills may vary by industry. During the internship I learned many skills and career-specific abilities. Some of those skills are listed below-

Project Management:

During this internship I learnt how to organize my priorities and take charge of my career goals. I learnt to check in with my mentor daily and talk about the goals I achieved or would achieve the next day, so he is aware of the situation quite well. I learnt how to manage my projects as I was still new to the game.

Software Education:

The world is becoming more and more reliant on technology and, because of that, this internship was a great opportunity to improve my software skills. Not only did it beef up my resume, it made me look more credible to future employers since I have more to give now.

Teamwork:

I came across a whole array of characters in my internship, from loud speakers to Type-A personalities. I learnt how to work with different kinds of people and help myself to adjust my workstyle when necessary.

I tried to interact with different employees, both inside and outside of my department. This helped me to understand how people work, what makes them tick, and how their knowledge can aid me to be more well-rounded.

Networking:

One of the most important skills I learnt is how to network properly. While I may be working with a set group or department, going outside of the box and learning how to communicate

effectively with others is going to create a great experience. I talked to everyone. If everyone knows my story and why I am great, I will be the first one they think of referring to if the perfect opportunity pops up.

Critical Thinking:

The internship helped me to become a critical thinker. Critical thinking refers to your ability to analyze and evaluate a situation or issue and form a judgment. The tendency to think critically can be demonstrated by a willingness to ask questions in order to understand an issue from all possible angles, and to pose creative solutions to challenges.

Working with a large codebase:

Back in college, we used to work on projects that had like 15 - 20 files or so. Built in under a week, the whole project could be understood in a few hours.

Now the project I'm working on has hundreds of files spread across dozens of folders. It can take months to understand the whole project, and hours to debug a bug that's spread across multiple files. And the first time you look at the whole project directory, you don't know where to start understanding the code.

Writing maintainable code:

Knowing that the code I am writing will be read, understood, and improved/changed by someone else (or even yourself) in the future makes In college, all I focused on was getting the expected functionality to be complete, and never considered whether the code I wrote was maintainable.

Learning New Technologies:

During the internship my work was just not limited with AngularJs which is my preferred technology to work in. I also worked in technologies like ReactJs as well which was completely new for me. So, through internship I learned to come out of my comfort zone and work with various technologies.

Time Management:

Last but not the least is time management. I learned how to complete my task in the given amount of time. I can't mark my absence on a regular basis. Hence, it helps you learn to manage your time better by maintaining a balance between your work and personal life, without harming any of them.

5.3 Observed Attitudes and values gained

Professional communications:

One of the most valuable skills that I have gained from my internships is the ability to speak with people in a professional setting. Discussions with seniors or coworkers are different from discussions with professors or fellow students, and an internship is the perfect place to observe how people in a professional setting interact. It's also a great opportunity to practice that communication style yourself.

Leadership, confidence, and responsibility:

While I was an intern, I was responsible for various areas of the business for which I worked. I had guidance and mentors, but I did have to make decisions on my own. Through these experiences, I developed a sense of leadership (especially with regards to speaking for and defending my ideas and decisions, not to mention actually making decisions!), confidence (along with taking ownership of my decisions and their outcomes), and responsibility (my decisions would impact the business). These traits are invaluable when it comes to a career, and an internship is the perfect place to learn and perfect them.

Work hard:

This is an obvious one, but don't waste time. You're there to work, and they didn't have to give you this opportunity. Make the most of your time and theirs.

Be thankful:

The best thing to do is send a handwritten note thanking them for the experience and opportunity to work with them. It'll leave them with good thoughts about you and you can most likely refer

to them for a recommendation letter.

5.4 The most challenging task performed

The most challenging task was to add a new feature called CarePlan for the clients(Doctors). It is very challenging to add a new feature to an existing thing. one needs to understand all the workflow very deeply to make changes efficiently and relatively. It was difficult to handle data that needed to be filtered on the main website. It was one of the tasks which was too cumbersome and took a long time to analyse and solve. For this I had to do a lot of research on the topic and learn and find new ways to counter the problem and make the functionality work as per we needed it to work.

Finally, after rigorous attempts and hard work I was able to intricate what clients are looking for with the help of my mentor and under his guidance I could implement the functionality too.I worked hard and never gave up attitude made me work and achieve what was needed. Though it took a lot of time, it was a great learning experience and the result was fruitful too.

CHAPTER 6

STRENGTHS, WEAKNESSES, OPPORTUNITIES, THREATS (SWOT) ANALYSIS

6.1 Strengths

- They also have a professional staff that is already really experienced in the industry.
- They have assembled a team that embraces different disciplines with expertise in all areas of the business.
- The major strength of the company lies in mobile app development and web development.
- The strong work force for different aspects and areas including developers, designer, content writers and customer service adds up together to form a start-up into a great company.
- The company mainly focuses on developing with the use of emerging technologies and languages.
- It is a well organised company with excellent working environment
- The strength of any company lies on some specific factors which include leadership, and communication skills, company and industry knowledge, management accounting and account, strategic planning and risk management.

6.2 Weaknesses

- The weakness of the company lies in the experience. The company is lacking a qualified and experienced workforce. Most of the employees have an experience of less than 5 years.
- It disjointed the fragment of information for time-based products development.
- The company's development rate for any app for mobile or web is gradual which needs to be improved. All of the employees should be equally involved in the work.

6.3 Opportunities

- The opportunity lies in expanding and attracting a larger, wider target customer audience.
- The company has started expanding its work force that brings a great opportunity in expanding the business with a great pace.
- Emerging needs for the product can augment the business.
- Training the employees over the emerging technologies creates another way for rapid development.

6.4 Threats

- Some of the most common threats to an organization include high attrition rate, data and information losses and employees with negative approaches.
- They can suffer a great loss when talented employees quit or join their competitors.
- When an individual who has been trained for six months by an organization leaves all of a sudden, it is both a waste of time and energy.
- Companies should make sure employees who know their job and responsibilities well stick to the company for a long time, at least for two to three years. Same happened in case of unfaithful employees.
- Emerging competitors can be other threats for the company. With the increase in the IT industry sector, new companies are evolving every day.
- There is an emergency of using unique technologies. The company should focus on establishing its foot over the market.

CHAPTER 7

PROBLEM IDENTIFICATION AND SOLUTION

7.1 Problem Identification

Problems are at the centre of what many people do at work every day. Whether you are solving a problem for a client (internal or external). Supporting those who are solving problems, or discovering new problems to solve, the problems you face can be large or small, simple or complex, and easy or difficult. A fundamental part of every manager's role is finding ways to solve success. Every organization has more or less some problems in their working environment. The key importance should be given to solving the problems.

Purplebits InfoSystems (PurpleDocs) faces some key problems –

- **Rapid change in technology** – As we all know in the world of science there are every second new innovations across the world. Now being a small firm it has a problem in adapting with new coming technology which the customer demands. Lack of new technology staff hinders the company's growth somehow.
- **Lack of new resources** – As discussed earlier, rapid change means rapid advancement in resources. Due to lack of newer resources which are prerequisite for new development push the company growth in backward direction.
- **Project infrastructure** – due to lack of project development infrastructure, it is challenging to meet the project under budget.
- **Hardware & Software Issues** - Many businesses run into problems with the lifespan of the technology that they use. A common mistake that is often made is to assume the lifespan of a PC is four to six years. Though it is completely plausible that your PC will run for that long, it is very likely it will need repairs - repairs that cost more than a new system.

7.2 Consequences of the problem

- The various consequences for the above listed problems are as follows –
- Due to this major problem of this company, the company's reputations among the customers

to deal with new technological projects are hindering.

- Directly affects the co-operation and co-ordination of the other working department and creates clashes among departments.

7.3 Solutions

- Company should train their employees at their cost. So that company growth must be kept first. Involve users from the start of existing product refurbishment.
- Communicate the needs and expectations between the development and ideation teams.
- Create a prototype to confirm and/or refine final agreed-upon requirements.
- To ensure efficient project development, test and pre-production environments should be made available during the development, testing, and user acceptance testing (UAT) phases. Invest in a solid IT infrastructure upfront to create a better software development environment.
- Following a formal quality assurance process is imperative for a successful launch. If you witness developers trying to cut corners in the development process, discourage it immediately. Encourage them to use the best code.
- Retire equipment at proper life cycles – There must be proper management of equipment (HARDWARE & SOFTWARE) with expiring must be replaced.
- Standardize hardware components – The Company must use branded hardware. In my company some hardware is of local quality. It must be replaced.
- Standardize software applications – The software must be licensed. So that security of data can be achieved.

CONCLUSION

Internship was the great opportunity to showcase and use the theoretical knowledge we have studied in the university in practice. I got to know about different prospects of the corporate sector. The very first thing in the internship I was told was maintaining the ethical code of conduct. I got familiar with the professional life of a programmer. There are certain points which make you stand out of the crowd. Some of the things I noticed for that include critical and analytical thinking, communication and presentation skills, observations and time management.

The First most thing as a university student I got to learn was the habit of 8-9 hour sitting 6 days a week. I was utilizing my time most of the time and getting solutions to the problems for which, I used to rely on others before because of throwing up the sponge so easily. The observation remains one of the important aspects of an internship. How senior developers think, communicate and do in the case of problems. Another key principle of the corporate world was cooperation. Problem solving often requires cooperation. I cooperated with my colleagues to come up with the most suitable solutions. As stated, communication and presentation skills in the IT industry are important. I got to enhance my communication skills in the industry. If you can't communicate your problems, you can't succeed. Advice for mistakes from seniors always makes you learn something new each time. Being adamant cannot let you proceed. All the things coalesce into one welcoming body to make you learn more.

Industry makes you avail with the trends in technology in the corporate world. I got to know about various new languages and applications used in the sector. We communicated over slack, we used Django and React native for development. Mentors facilitated learning skills quickly by practicing.

Problem solving needs critical thinking and it needs experience and practise. To organize our tasks, we need to think about the problem first, all aspects require different solutions. As an intern I got familiar with live running websites and applications, different problems faced in it

and solutions which are used to solve them. There is a need for a contagious plan for any application. We prepare ourselves for all the situations which can arise in the production and its critical thinking plays its role.

Overall experience of the industry enabled me to handle pressure. Pressure handling in case of lack of time, and resources. Being able to solve client problems as quickly as possible. I came to know about handling the pressure from the seniors on the time when applications go live.

In the overall experience I learned a plethora of things which make me industry ready. I was able to apply and gain practical skills. I believe it is a consequential thing in university academics. The internship was a success with an excellent experience and I appreciate everyone who made it possible.

The internship program helped me to gain important knowledge on the software industry, their culture, work environment and all about software development. Participating in the weekly team meeting with the team members, leader, project manager and discussing the threats of the projects helped me attain the faith to develop a never give up attitude.

The internship program has increased my teamwork capabilities as well as respect to the team mate's ideas and suggestions. Team discussions like brainstorming sessions helped me identify and solve numerous problems which would have been impossible to solve otherwise.

I would like to convey my thanks to the Department of Computer Sciences, Shri Vaishnav Vidyapeeth Vishwavidhyalaya and Purplebits Infosystems Pvt. Ltd. (PurpleDocs). for providing me with an opportunity to gain an idea of the competitive environment in the professional field. It has certainly lifted my software development skills in terms of design and coding. I now look forward to facing the upcoming challenges of the world.

REFERENCES AND SOURCES

- Company's website – <https://www.purpledocs.com/>
- FireBase - <https://firebase.google.com/>
- AngularJs - <https://angular.io/>
- ReactJs - <https://reactjs.org/>

APPENDICES



PD : MP : HR – 2021:PT

Monday, January 25, 2021

MR. PUNIT TIWARI,
155, Parshuram Marg,
Gandhinagar, Indore,
Madhya Pradesh
Mobile: +91 98938 - 28927

LETTER OF INTERNSHIP – SOFTWARE DEVELOPMENT

Dear **MR. PUNIT TIWARI,**

With reference to the discussions, we are pleased to inform you that we hereby offer you internship at the Company in the capacity stated herein on the following terms and conditions:

1. **Commencement Date** : 25th January 2021
2. **Internship Duration** : 3 Months
3. **Mode of Work Allocation** : Email, Call & WhatsApp
4. **Work Location** : Your residence (Work from Home)
5. **Reporting Manager** : Ms. Pooja Gupta (CTO & Founder)
6. **Mode of Reporting** : Email / WhatsApp and Excel / Google Sheets
7. **Stipend** : Up to Rs.5,000/- per month (based on your performance)

Roles & Responsibilities during Internship:

- Web & Software Development & Testing

Internship Conditions:

Your internship with the Company can be terminated by providing you notice of 7 days in writing. It shall be based upon your performance and the decision of the Management. If you wish to resign from the internship, you shall have to give 1 month notice in writing to the Company.

During your tenure as an Intern with the Company, you shall not be entitled to any other benefits from the Company. You are expected to abide by the Confidentiality & Non-Disclosure, Intellectual Property Rights and Non-Compete & Non-Solicitation Policies / Clauses (Annexures attached with this letter) prescribed by the Company for all its interns / employees.

You are requested to provide your acceptance to the terms mentioned in this letter as confirmation of your acceptance to your internship with the Company.

Website : www.purpledocs.com
Sales : sales@purpledocs.com ☎ +91 99099 03539

A service offering from PurpleBits Infosystems Pvt. Ltd. {CIN U72200GJ2010PTC062203}
H.O. : 911, Dev Prime, Off Corporate Road, Prahaladnagar, Ahmedabad 380051, Gujarat.
Customer Care : customer@purpledocs.com ☎ +91 92275 99567

Fortnightly Report of the Student/Intern -Form 1

PROGRESS REPORT – 1

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Notification: SVVV/N-083/2019

FORM-1

Date: 15 / 02 / 2021

Fortnightly Report of the Student/Intern
Progress Report No - 1

Student/Intern Enrollment: 17100BTCSE01254

Name: Punit Tiwari

		Duration	Date from	Date to
Name of Industry Purplebits Infosystem Private Limited External Mentor Name :Mr. Bhavin Tank Email-Id :bhavin@purpledocs.com Mob No: 9328296802	Department CSE Internal Mentor Name :Ms. Pooja Deshpandey Email-Id poojadeshpande@svvv.edu.in Mob No: 9424596583	20 days	25 jan 2021	15 feb 2021
Main Point of the fortnight	1) Explored purpleEmr web project			
	2) Designed UI for Register and Search patient			
	3) Resolved bugs.			
	4) Api calls and data handling			
	5) verbal and communication skills.			
	6) Work under deadline condition			

Campus: Ujjain Road Indore Indore 453111 Phone +91- 731-2729071-5 Website: www.svvv.edu.in
Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. - 452002
Phone: +91-731- 2349111-2 Fax: +91- 731-2349113

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021

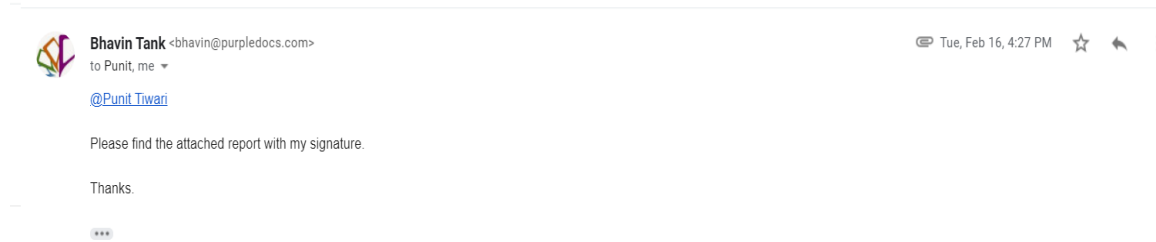
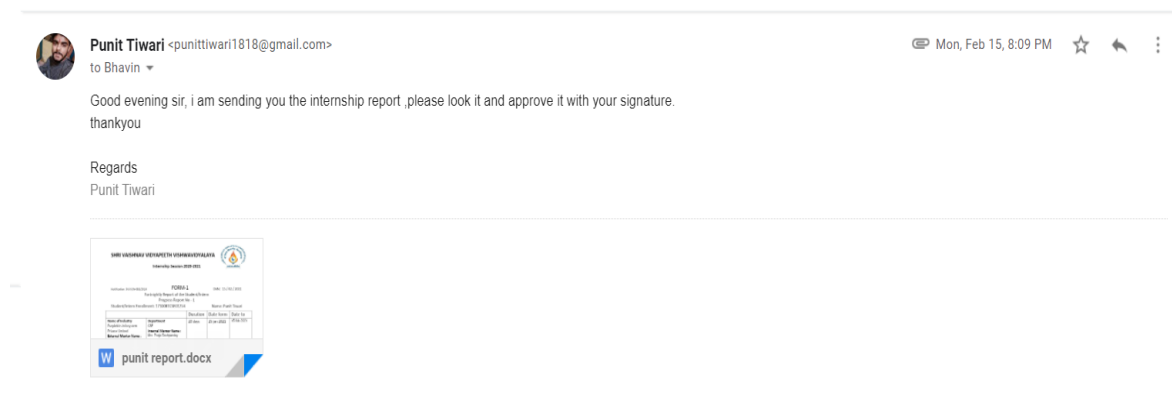
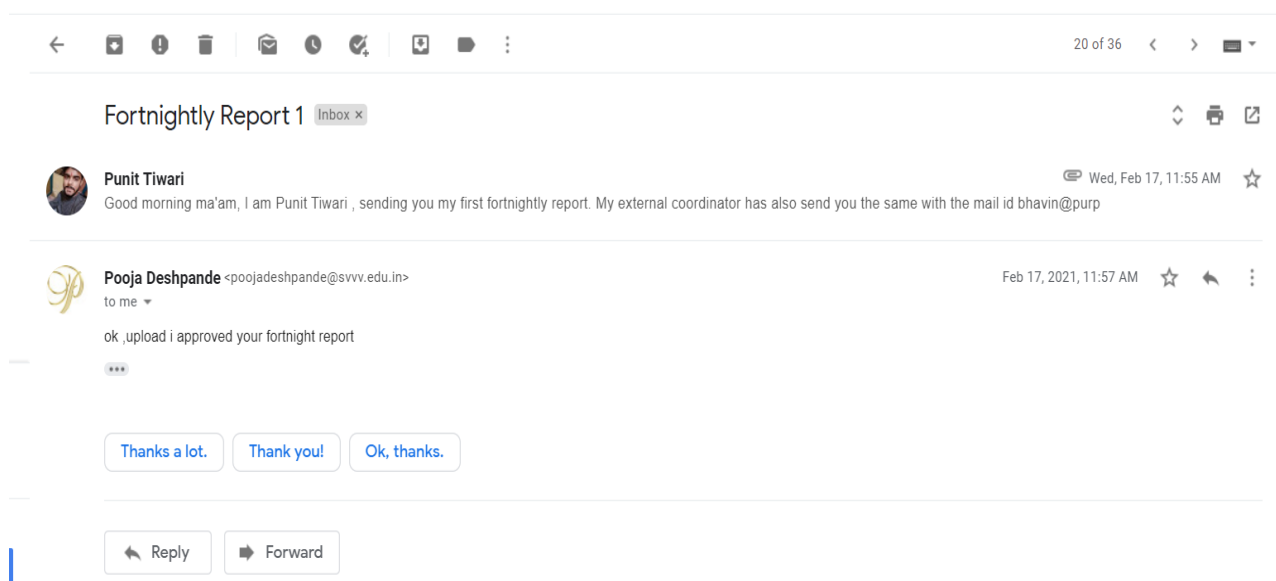


Student/Intern Sign

Authorized Signatory Sign & Seal

Internal Mentor Sign

Appendices I- form 1



PROGRESS REPORT – 2

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA
Internship Session 2020-2021



Notification: SVVV/N-083/2019
 Student/Intern Enrollment: 17100BTCSE01254

FORM-1
 Fortnightly Report of the Student/Intern
 Progress Report No - 1

Date: 15 / 02 / 2021
 Name: Punit Tiwari

	Duration	Date from	Date to
Name of Industry Purplebits Infosystem Private Limited External Mentor Name :Mr. Bhavin Tank Email-Id :bhavin@purpledocs.com Mob No: 9328296802	Department CSE Internal Mentor Name :Ms. Pooja Deshpandey Email-Id poojadeshpande@svvv.edu.in Mob No: 9424596583	15 days	16 feb 2021
Main Point of the fortnight	1) Designed UI for video conferencing using react Js.		
	2) Explored twilio application (build using react js).		
	3) Get permission from client to access camera and mic.		
	4) Api calls and data handling.		
	5) Designed Ui for add and edit appointments details using angular Js.		

Campus: Ujjain Road Indore - Indore 453111 Phone: +91-731-2729071-5
 Website: www.svvv.edu.in
 Mailing Address: Shri Vaishnav Vidya Parish 177 Jawahar Marg, South Rajmohalla, Indore, M.P. - 452002
 Phone: +91-731-2349111-2 Fax: +91-731-2349113

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA
Internship Session 2020-2021



Student/Intern Sign

 Name: Punit Tiwari

Authorized Signatory Sign & Seal


 Name: Mr. Bhavin Tank

Internal Mentor Sign


 Name: Ms. Pooja Deshpande

Appendices II- form 1


Fortnightly Report 2 Inbox X

 **Punit Tiwari** Sat, Mar 6, 5:27 PM ☆


Respected mam, I am Punit Tiwari , sending you my second fortnightly report. i got late due to some personal issues please consider the below attached applicati

 **Punit Tiwari** Sat, Mar 6, 8:26 PM ☆

----- Forwarded message ----- From: Punit Tiwari <punittiwari1818@gmail.com> Date: Sat, Mar 6, 2021, 17:27 Subject: Fortnightly Report 2 To: Pooja Desh

 **Pooja Deshpande** Mon, Mar 8, 10:11 AM ☆

Ok , upload second fortnight report

 **Pooja Deshpande** <poojadeshpande@svvv.edu.in> Mon, Mar 8, 11:01 AM ☆ ↩ ⋮

to me ▾


1) how to Designed UI for video conferencing using react js.

2. explain twilio application (build using react js).

3) how to Get permission from client to access camera and mic.

4) what types of Api calls and data handling you done

5) what is angular js and react js.

 **Punit Tiwari** <punittiwari1818@gmail.com> Mon, Feb 15, 8:09 PM ☆ ↩ ⋮


to Bhavin ▾


Good evening sir, i am sending you the internship report ,please look it and approve it with your signature.

thankyou

Regards

Punit Tiwari



 **Bhavin Tank** <bhavin@purpledocs.com> Tue, Feb 16, 4:27 PM ☆ ↩ ⋮

to Punit, me ▾

[@Punit Tiwari](#)

Please find the attached report with my signature.

Thanks.

PROGRESS REPORT – 3

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Notification: SVVV/N-083/2019

FORM-1

Date: 18 / 03 / 2021

Fortnightly Report of the Student/Intern
Progress Report No - 3

Student/Intern Enrollment: 17100BTCSE01254

Name: Punit Tiwari

	Duration	Date from	Date to
Name of Industry Purplebits Infosystem Private Limited External Mentor Name :Mr. Bhavin Tank Email-Id :bhavin@purpledocs.com Mob No: 9328296802	Department CSE Internal Mentor Name :Ms. Pooja Deshpandey Email-Id poojadeshpande@svvv.edu.in Mob No: 9424596583	15 days	01 mar 2021 15 mar 2021
Main Point of the fortnight	1) Build a consent form for online consultation in ReactJs.		
	2) Explored Fire Base.		
	3) Code to implement push notifications using firebase auth-token.		
	4) Api calls and data handling.		
	5) Create and deploy projects on firebase.		

Campus: Ujjain Road Indore Indore 453111 Phone +91-731-2729071-5
Website: www.svvv.edu.in
Mailing Address: Shri Vaishnav Vidyapeeth Vishwavidyalaya, 177 Jawahar Marg, South Rajmohalla, Indore, M.P. – 452002
Phone: +91-731-2349111-2 Fax: +91-731-2349113

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Student/Intern Sign

Name: Punit Tiwari

Authorized Signatory Sign & Seal


Name: Mr. Bhavin Tank

Internal Mentor Sign

Name: Ms. Pooja Deshpande


Appendices III- form 1

Fortnightly Report 3 Inbox x

**Punit Tiwari**

Good afternoon ma'am, I am sending you third fortnightly report. please find the attachment below and provide approval. thank you

Thu, Mar 18, 3:29 PM


**Pooja Deshpande** <poojadeshpande@svvv.edu.in>

to me

Fri, Mar 19, 11:43 AM

Ok approved

Pooja Deshpande
Assistant Professor
CSE department
SVIIT SVVV indore

**Punit Tiwari** <punittiwari1818@gmail.com>


to Pooja

Fri, Mar 19, 12:36 PM

Thank you , ma'am

Reply

Forward


**Punit Tiwari** <punittiwari1818@gmail.com>


to Bhavin

Mon, Feb 15, 8:09 PM

Good evening sir, i am sending you the internship report ,please look it and approve it with your signature. thankyou

Regards
Punit Tiwari



**Bhavin Tank** <bhavin@purpledocs.com>

to Punit, me

Tue, Feb 16, 4:27 PM

@Punit Tiwari

Please find the attached report with my signature.

Thanks.

PROGRESS REPORT – 4

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Notification: SVVV/N-083/2019

FORM-1

Date: 04 / 04 / 2021

Fortnightly Report of the Student/Intern
Progress Report No - 4

Student/Intern Enrollment: 17100BTCSE01254

Name: Punit Tiwari

		Duration	Date form	Date to
Name of Industry Purplebits Infosystem Private Limited External Mentor Name :Mr. Bhavin Tank Email-Id :bhavin@purpledocs.com Mob No: 9328296802	Department CSE Internal Mentor Name :Ms. Pooja Deshpandey Email-Id poojadeshpande@svvv.edu.in Mob No: 9424596583	15 days	15 mar 2021	31 mar 2021
Main Point of the fortnight		1) Solved some Ui related functional bug. 2) Implemented fireBase in project. 3) Code to implement push notifications using firebase auth-token. 4) Api calls and data handling. 5) Created Ui for Care-Plan.		

Campus: Ujjain Road Indore Indore 453111 Phone +91-731-2729071-5
 Website: www.svvv.edu.in
 Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. – 452002
 Phone: +91-731-2349111-2 Fax: +91-731-2349113

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Student/Intern Sign

Authorized Signatory Sign & Seal

Internal Mentor Sign

Name: Punit Tiwari

Name: Mr. Bhavin Tank

Name: Ms. Pooja Deshpande

Appendices IV- form 1



Punit Tiwari <punittiwari1818@gmail.com>

Sun, Apr 4, 8:43 PM



to Pooja ▾

Good evening ma'am,
I am sending you Forth fortnightly report. please find the attachment below and provide approval.

thank you
Punit Tiwari
SVVV
17100BTCSE01254



Pooja Deshpande <poojadeshpande@svvv.edu.in>

Mon, Apr 5, 10:45 AM



to me ▾

Approved. 4FNR



Punit Tiwari <punittiwari1818@gmail.com>

to Bhavin ▾

Good evening sir, i am sending you the internship report ,please look it and approve it with your signature.
thankyou

Regards
Punit Tiwari



Bhavin Tank <bhavin@purpledocs.com>

to Punit, me ▾

[@Punit Tiwari](#)

Please find the attached report with my signature.

Thanks.

PROGRESS REPORT – 5

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Notification: SVVV/N-083/2019

FORM-1

Date: 19 / 04 / 2021

Fortnightly Report of the Student/Intern

Progress Report No - 5

Student/Intern Enrollment: 17100BTCSE01254

Name: Punit Tiwari

		Duration	Date form	Date to
Name of Industry Purplebits Infosystem Private Limited External Mentor Name :Mr. Bhavin Tank Email-Id :bhavin@purpledocs.com Mob No: 9328296802	Department CSE Internal Mentor Name :Ms. Pooja Deshpandey Email-Id poojadeshpande@svvv.edu.in Mob No: 9424596583	15 days	01 Apr 2021	15 Apr 2021
Main Point of the fortnight	1) Solved some Ui related functional bug.			
	2) Created Ui for Care-Plan.			
	3) Implemented Care plan Ui in project.			
	4) Api calls and data handling.			
	5) New UI for Lab-Test in Care Plan.			

Student/Intern Sign

Authorized Signatory Sign & Seal

Internal Mentor Sign

Name: Punit Tiwari

Name: Mr. Bhavin Tank

Name: Ms. Pooja Deshpande

Campus: Ujjain Road Indore Indore

453111

Phone

+91-731-2729071-5

Website: www.svvv.edu.in

Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. – 452002

Phone:

+91-731-2349111-2

Fax: +91-731-2349113

Appendices V- form 1

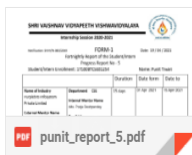


Punit Tiwari <punittiwari1818@gmail.com>
to Pooja ▾

Tue, Apr 20, 1:45 PM ☆ ↶ ⋮

Good evening ma'am,
I am sending you Fifth fortnightly report. please find the attachment below and provide approval.

thank you
Punit Tiwari
SVVV
17100BTCSE01254



Pooja Deshpande
to me ▾

Tue, Apr 20, 4:14 PM ☆ ↶ ⋮

Approved

Pooja Deshpande
Assistant Professor



Punit Tiwari <punittiwari1818@gmail.com>
to Bhavin ▾

Good evening sir, i am sending you the internship report ,please look it and approve it with your signature.
thankyou

Regards
Punit Tiwari



Bhavin Tank <bhavin@purpledocs.com>
to Punit, me ▾

@Punit Tiwari

Please find the attached report with my signature.

Thanks.

PROGRESS REPORT – 6

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Notification: SVVV/N-083/2019

FORM-1

Date: 03 / 05 / 2021

Fortnightly Report of the Student/Intern

Progress Report No - 6

Student/Intern Enrollment: 17100BTCSE01254

Name: Punit Tiwari

		Duration	Date form	Date to
Name of Industry Purplebits Infosystem Private Limited External Mentor Name :Mr. Bhavin Tank Email-Id :bhavin@purpledocs.com Mob No: 9328296802	Department CSE Internal Mentor Name :Ms. Pooja Deshpandey Email-Id poojadeshpande@svvv.edu.in Mob No: 9424596583	15 days	16 Apr 2021	01 MAY2021
Main Point of the fortnight	1) Care Plan Configuration UI Design.			
	2) API Implementation for Config UI.			
	3) New UI for register user.			
	4) UI design for chat functionality.			
	5) Api calls for Chat functionality.			

Student/Intern Sign

Authorized Signatory Sign & Seal

Internal Mentor Sign

Name: Punit Tiwari

Name: Mr. Bhavin Tank

Name: Ms. Pooja Deshpande

Campus: Ujjain Road Indore Indore

453111

Phone

+91-731-2729071-5

Website: www.svvv.edu.in

Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. – 452002

Phone:

+91-731-2349111-2

Fax: +91-731-2349113

Appendices VI- form 1

Fortnightly report 6 Inbox x



Punit Tiwari <punittiwari1818@gmail.com>
to Pooja ▾

Mon, May 3, 8:43 PM ☆ ↶ ⋮

Good evening ma'am,
I am sending you a sixth fortnightly report. please find the attachment below and provide approval.

thank you
Punit Tiwari
SVVV
17100BTCSE01254



Pooja Deshpande
to me ▾

Mon, May 3, 10:36 PM ☆ ↶ ⋮

Approved
...



Punit Tiwari <punittiwari1818@gmail.com>
to Bhavin ▾

Good evening sir, i am sending you the internship report ,please look it and approve it with your signature.
thankyou

Regards
Punit Tiwari



Bhavin Tank <bhavin@purpledocs.com>
to Punit, me ▾

[@Punit Tiwari](#)

Please find the attached report with my signature.

Thanks.

...

Industrial Mentor EVALUATION FORM – 1

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Notification: SVVV/N-083/2019

Date: 10 / 03 / 2021

FORM-II

INDUSTRY MENTOR EVALUATION OF INTERN [No-1]

(To be printed on Organization Letter Head)

Student Enrolment No: 17100BTCSE01254

Name: Punit Tiwari

Internship Address: 610, Dev Prime, Off Corporate Road, Prahladnagar, 380051

Dates of Internship Evaluation:

From: 25-01-2021

To 28-01-2021 Duration: 33 days

Please evaluate your intern by indicating the frequency with which you observed the following on a 10-point scale -

10-Outstanding, 9-Excellent, 8-VeryGood, 7-Good, 6-Average, 5-Satisfactory, below 5 Fail

S.No.	Parameters for Evaluation	
01	Punctuality	10
02	Behavior	10
03	Shows interest in work	10
04	Learns quickly	10
05	Shows Initiative	9
06	Accepts responsibility	9
07	Organizational Skills	7
08	Creativity/Originality	9
09	Problem Analysis, Design, Solution	9
10	Communication Skill	8
	Overall performance of student/interns Total out of 100	91

Additional comments, if any:

Name & Signature of Industry Supervisor _____

Organization Seal

Campus: Ujjain Road Indore Indore 453111 Phone +91-731-2729071-5 Website: www.svvv.edu.in

Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. – 452002

Phone: +91-731-2349111-2 Fax: +91-731-2349113

EVALUATION FORM – 2

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Notification: SVVV/N-083/2019

Date: 10 / 04 / 2021

FORM-II

INDUSTRY MENTOR EVALUATION OF INTERN [No-1]

(To be printed on Organization Letter Head)

Student Enrolment No: 17100BTCSE01254

Name: Punit Tiwari

Internship Address: 610, Dev Prime, Off Corporate Road, Prahladnagar, 380051

Dates of Internship Evaluation:

From: 01-03-2021

To 31-03-2021 Duration: 31 days

Please evaluate your intern by indicating the frequency with which you observed the following on a 10-point scale -

10-Outstanding, 9-Excellent, 8-VeryGood, 7-Good, 6-Average, 5-Satisfactory, below 5 Fail

S.No.	Parameters for Evaluation	
01	Punctuality	10
02	Behavior	10
03	Shows interest in work	10
04	Learns quickly	10
05	Shows Initiative	9
06	Accepts responsibility	9
07	Organizational Skills	8
08	Creativity/Originality	9
09	Problem Analysis, Design, Solution	9
10	Communication Skill	8
	Overall performance of student/interns Total out of 100	92

Additional comments, if any:

Campus: Ujjain Road Indore Indore 453111 Phone +91-731-2729071-5 Website: www.svvv.edu.in

Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. – 452002

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Appendi VIII- form 2
EVALUATION FORM - 3

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

Internship Session 2020-2021



Notification: SVVV/N-083/2019

Date: 15 / 05 / 2021

FORM-II

INDUSTRY MENTOR EVALUATION OF INTERN [No-1]

(To be printed on Organization Letter Head)

Student Enrolment No: 17100BTCSE01254

Name: Punit Tiwari

Internship Address: 610, Dev Prime, Off Corporate Road, Prahladnagar, 380051

Dates of Internship Evaluation:

From: 01-04-2021

To 30-04-2021 Duration: 30 days

Please evaluate your intern by indicating the frequency with which you observed the following on a 10-point scale -

10-Outstanding, 9-Excellent, 8-VeryGood, 7-Good, 6-Average, 5-Satisfactory, below 5 Fail

S.No.	Parameters for Evaluation	
01	Punctuality	10
02	Behavior	10
03	Shows interest in work	10
04	Learns quickly	10
05	Shows Initiative	9
06	Accepts responsibility	9
07	Organizational Skills	8
08	Creativity/Originality	9
09	Problem Analysis, Design, Solution	9
10	Communication Skill	8
	Overall performance of student/interns Total out of 100	92

Additional comments, if any:

Campus: Ujjain Road Indore Indore 453111 Phone +91-731-2729071-5 Website: www.svvv.edu.in

Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. - 452002

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Appendices IX - form 2

First Internal Assignment

Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Information Technology

Session: 2020-2021

Branch: CSE/IT/MCA Section A/B/C/D/E

Year: 4th / 3rd Semester: 8th/6th

1st/2nd/3rd Internship Internal Assignment

Till: 28th Feb / 31st March / 30th April

Domain: Web development

Name of Intern: Punit tiwari

Intern email: punittiwari1818@gmail.com

Company Name: Purpledocs

website: <https://www.purpledocs.com/>

Address: 610, Dev Prime, Off Corporate Road, Prahladnagar, 380051.

City: Ahmedabad

State: Gujarat

Internal Mentor Name: Pooja Deshpande

Date: 10-03-2021

Q1. how to Designed UI for video conferencing using react.

Ans: -

I used to integrate video conferencing in our application for video consultation between Doctor(s) and Patient(s) (Online consultation). We are using Twilio Video Calling Service in application. I created a Screen for both doctor and patient so that they can use it in their consultations. I added mic on/off, camera on/off icon. So, that user can know the status of each other mic and camera. I also, display network strength of both the users. Users can create their video consultation using links which is provided by us.

Q2. explain Twilio application (build using react js).

Ans: -

Twilio is a developer platform for communications: the Twilio Customer Engagement Platform. Twilio's programmable application program interfaces (APIs) are a set of building blocks developers can use to build the exact customer experiences they want.

The Twilio Customer Engagement Platform can be used to build practically any digital experience, using capabilities like SMS, WhatsApp, Voice, Video, email, and even IoT, across the customer journey. Twilio powers communications for more than 190,000 businesses, and enables nearly 932 billion human interactions every year.

Q1. how to Get permission from client to access camera and mic.

Ans: -

1. Checking Device Support:

First, we will see how to check if the user's browser supports the mediaDevices API. This API exists within the navigator interface and contains the current state and identity of the user agent.

```
if ('mediaDevices' in navigator && 'getUserMedia' in navigator.mediaDevices) {  
    console.log("Permission granted");  
}
```

2. Requesting User Permission

After confirming the browser's support for getUserMedia, we need to request permission to make use of the media input devices on the client-side. After a user grants permission, a Promise is returned which resolves to a media stream. This Promise isn't returned when the permission is denied by the user, which blocks access to these devices.

```
navigator.mediaDevices.getUserMedia({video: true})
```

3. Understanding Media Constraints

Understanding Media Constraints concept of constraints. The constraints object is a Media Stream Constraints object that specifies the different types of media to requirements and the request of each media type. We can specify requirements for the requested stream using the constraints object, such as the resolution of the stream to use (back, front).

```
{  
  video: {  
    width: 1280,  
    height: 720,  
  }  
}
```

4. Using the enumerateDevices Method

When the enumerateDevices method is called, it returns all of the available input media devices available on the user's PC.

With the method, you can provide the user options on which input media device to use for streaming audio or video content. This method returns a Promise resolved to a MediaDeviceInfo array containing information about each device.

Q4. what types of Api calls and data handling you done.

Ans: -

An API is a set of programming code that enables data transmission between one software product and another. It also contains the terms of this data exchange.

- I used http protocols to call REST APIs in our application.
- I used to call POST, GET, PUT and DELETE request in it.
- I handled JSON request/response in them.

Q5. what is angular js and react js.

Ans: -

AngularJS: -

AngularJS is a structural framework for dynamic web applications. It lets us use HTML as our template language and extend HTML's syntax to express our application's components clearly and succinctly. AngularJS's data binding and dependency injection eliminate much of the code. And it all happens within the browser, making it an ideal partner with any server technology.

ReactJs: -

React.js is an open-source JavaScript library that is used for building user interfaces specifically for single-page applications. It's used for handling the view layer for web and mobile apps. React also allows us to create reusable UI components.

Second Internal Assignment

Question 1. What is Fire Base?

Fire Base is a Backend-as-a-Service (Baas). Provides developers with a variety of tools and resources to help them improve quality applications, grow their users, and make a profit. Built on Google's infrastructure.

Firebase is categorized as a NoSQL database system, which stores data in documents such as JSON. Firebase, a document is a set of key value packs defined by a schema. A group of texts form a collection.

Key Features

1. Proof of authenticity

Supports authentication using passwords, phone numbers, Google, Facebook, Twitter, and more. Firebase Authentication (SDK) can be used to manually integrate one or more applications into the application.

2. Real-time details

Data is synced to all clients in real time and is always available even when the app is offline.

3. Hosting

Firebase hosting provides faster web application hosting; content stored on content delivery networks around the world.

4. Test lab

The app is being tested on virtual and physical devices found in Google's data centers.

5. Notifications

Notifications can be sent via firebase without adding additional codes.

Users can start with a free firebase; More information can be found on the official website.

Question 2. Write code to use app notifications using a firebase token?

Answers.

Configure Web Verification with FCM

The FCM Web interface uses Web credentials called "Voluntary Application Server Identification," or "VAPID" keys, to authorize sending requests to web push services. To sign up for your app to push notifications, you need to associate two keys with your


```
messaging.getToken ({vapidKey: "BKagOny0KF_2pCJQ3m .... moL0ewzQ8rZu"});
```

Access the registration token

When you need to get the current app status registration token, call `GetToken`. If notification permission is granted, this method will ask the user for notification permissions. Otherwise, it either returns the token or rejects the offer due to an error.

The messaging service requires a `firebase-messaging-file-en.js`. Unless you already have a `firebase-messaging-sw.js` file, create a blank file of that name and place it at the root of your domain before receiving the token. You can add meaningful content to the file later in the client setup process.

Retrieving current token:

```
// Get a registration token. Initially this creates a network call, when it is returned
// Next GetToken calls will return from the cache.
messaging.getToken ({vapidKey: '<YOUR_PUBLIC_VAPID_KEY_HERE>'}) and then
((currentToken) => {
  if (currentToken) {
    // Send token to your server and update the UI if needed
    // ...
  } more {
    // Display permissions UI
    console.log ('No registration token available. Request one production permission.');
```

// ...

```
  }
}) .bamba ((err) => {
  console.log ('An error occurred while receiving token.', err);
  // ...
});
```

Que 3. how to use fireBase in a project.

Answers.

Step 1: Create a Firebase project

Before you can add Firebase to your Android app, you need to create a Firebase project to connect to your Android app. Visit [Understand Firebase Projects](#) to learn more about Firebase projects.

Create a Firebase project

Step 2: Register your app with Firebase

To use Firebase in your Android app, you need to register your app for your Firebase project. Registering your app is often called "adding" your app to your project.

Go to Firebase console.

In the middle of the project overview page, click the Android icon (plat_android) or Install the app to start the workflow setup.

Enter the package name of your application in the Android package name field.

What is the name of the package, and where do you get it?

(Optional) Add more app information: Application nickname and Debug SHA-1 signing certificate.

How to use an app nickname and Debug SHA-1 signing certificate within Firebase?

Click to register an application.

Step 3: Insert Firebase configuration file

Install Firebase Android configuration file in your application:

Click Download google-services.json to get your Firebase Android configuration file (google-services.json).

Question 4. What is an API call? write different API call types.

Answers.

APIs (programming interfaces) come in many forms. API developers can choose from a wide range of protocols and standards when creating a new API, depending on the type of API they are building, and its purpose. This document looks at several types of APIs and protocols, including REST API protocols

Web APIs

Integrated APIs are especially useful in microservice design, where the user may need information from multiple services to perform a single task. Using integrated APIs can reduce server load and improve application performance, as a single call can retrieve all the data the user needs.

Que 5. how to use projects on firebase?

Answers.

Step 1: Install Firebase CLI

Visit the Firebase CLI documentation to learn how to install CLI or update to its latest version.

Step 2: Launch your project

To link your local project files to your Firebase project, use the following command from the root of your local project identifier:

```
firebase init hosting
```

During project implementation, from Firebase CLI:

Select a Firebase project to connect to your local project directory.

The selected Firebase project is your "default" Firebase project for your project location guide. To link additional Firebase projects to your local project guide, set project titles.

Specify the guide you will use as your community root directory.

This guide contains all of your publicly used static files, including your index.html file and other assets you want to export to Firebase Hosting.

The default community root directory is called public.

You can specify your public root directory now or you can specify it later in your firebase.json configuration file.

If you choose the default and do not have a public index, Firebase does it for you.

If you do not have a valid index.html file or a 404.html file in your public directory, Firebase does it for you.

Choose your site configuration.

If you choose to make a one-page program, then Firebase automatically adds your writing settings.

Third Internal Assignment

Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Information Technology

Session: 2020-2021

Branch: CSE Section A

Year: 4th Semester: 8th

3rd Internship Internal Assignment

Till: 28th Feb / 31st March / 30th April

Domain: Web Developer

Name of Intern : Punit Tiwari

Intern email: punittiwari1818@gmail.com

Company Name: Purplebits Infosystem Pvt. Ltd. website: www.purpledoc.com

Address: 610, Dev Prime, Off Corporate Road, Prahladnagar

City: Ahmedabad.

State: Gujarat.

Internal Mentor Name: Ms. Pooja Deshpande

Date: 10/05/2021

Que 1. What is AngularJS and How does it work?

Ans. AngularJS is a framework for dynamic web applications. Allows you to use HTML as your template language and allows you to expand HTML syntax to express parts of your application clearly and directly. AngularJS binding data and data dependency data removes most of the code you should have written otherwise. And it all happens within the browser, making us the right partner for any server technology.

AngularJS is what HTML was, if it was designed for applications. Doesn't that contain much in the way of building apps, and therefore building web apps is an exercise in what I should do to trick the browser into doing what I want?

Impedance differences between dynamic applications and static doc are usually resolved by:

library - a collection of useful functions when writing web applications. Your code holds and calls the library where it deems appropriate. Eg, JQuery.

frameworks - a specific use of a web application, where your code fills in the details. Frame holds and calls your code when it needs something specific to the app. Eg, durandal, ember, etc.

AngularJS takes another route. It tries to reduce the impedance differences between HTML centric HTML and what the app needs by creating new HTML formats. AngularJS teaches the new browser syntax by building what we call commands. Examples include:

Data binding, as in `{{}}`.

DOM control structures for duplicating, displaying and hiding DOM fragments.

Form support and form validation.

Attaches new character to DOM items, such as DOM event management.

HTML compilation has become a functional component.

Que 2. AngularJs Directives and Functions?

Ans . The integration phase takes place first. In fact, the integration section attaches the event audience to DOM objects. For example, if a DOM object is tied to a \$ scope object, an event listener that allows it to be updated with a \$ scope asset is used for the DOM object. The merging process begins with the DOM root object where the AngularJS system is removed and skipped by DOM branches using the first deep jump, the parent is first connected and his or her children reach a leaf level.

Once the integration is complete, references will no longer be added or removed from the DOM (or there is a way around this using the integration service. Complete HTML tags where the directory is By definition, MVC pattern managers simply mimic and view event management functions. The controller allows children to interact with the parent indicators. The controller's function itself should be considered as a control element that will be responsible for coordinating the child's index when the child is directed. Therefore, the controller is often used to create direct communication by creating an object structure and methods that can be used with the guidance of their peers and children. so it is best to limit the code in this way to activities and programs that children can safely use.

Que 3. Difference between AngularJs and ReactJs?

Ans. The purpose of this definition is to summarize a common and common syntax to describe the properties of competent drugs. The standard but well-defined syntax empowers the community of independent analysts and syntax highlighting to comply with specific specifications.

Embedding a new syntax in an existing language is a risky task. Some developers of syntax or existing language may introduce another incompatible syntax extension.

With independent specifications, we make it easier for developers of other syntax extensions to consider JSX when designing their own syntax. This will hopefully allow for various new syntax extensions to co-exist.

It is our intention to seek out small houses and buildings while maintaining a short and standard syntax. That way we leave the door open for other extensions.

This description does not attempt to be compatible with any XML or HTML. JSX is designed as an ECMAScript feature and XML matching is for customization only.

Feedback of Student on Internship- Form 3

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA



Notification: SVVV/N-083/2019

Date: 17/05/2021

FORM-III

Feedback of Student on Internship

(to be filled after completion of internship)

Student Name: Punit Tiwari

Enrollment No.: 171008TCSE01254

Internship is: with Stipend

Company / Organization Name: Purplebits Infosystems Pvt. Ltd

Internship Address: 610, Dev Prime, Off Corporate Road, Prahladnagar, Ahmedabad 380051,
Gujarat.

Faculty Coordinator: Ms. Pooja Deshpande

Institute: SVIIT

Department: Computer Science Engineering

Dates of Internship: From: 25/01/2021 To: 30/04/2021

Give a brief description of your internship work (title and tasks for which you were responsible):
Was your internship experience related to your major area of study?

My role at PurpleDocs was a web developer intern. My mentor Mr. Bhavin Tank helped me a lot. I have done an internship in web development which is more trending technology in today's IT field. During the internship period I have studied web editing software such as Atom, visual code studio. I have worked on web based technologies such as AngularJs, ReactJs, HTML, CSS, Javascript, Nodejs. Using mentioned technologies, I have worked on a company's project. After doing long hours of coding under the guidance of a mentor I have developed the different modules of the project.

(1 of 4)

Campus: Ujjain Road Indore Indore 453111 Phone: +91-731-2729071-5 Website: www.svvv.edu.in
Mailing Address: Shri Vaishnav Vidya Parisar 1/7 Jawahar Marg, South Rajmonalla, Indore, M.P. - 452002
Phone: +91-731-2349111-2 +91-731-2349113

Appendices X– form 3

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA



Indicate the degree to which you agree or disagree with the following statements.

This experience has:	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
Given me the opportunity to explore a career field		<input type="radio"/>			
Allowed me to apply classroom theory to practice	<input type="radio"/>				
Helped me develop my decision-making and problem-solving skills		<input type="radio"/>			
Expanded my knowledge about the work world prior to permanent employment	<input type="radio"/>				
Helped me develop my written and oral communication skills		<input type="radio"/>			
Provided a chance to use leadership skills(influence others, develop ideas with others, stimulate decision-making and action)		<input type="radio"/>			
Expanded my sensitivity to the ethical implications of the work involved		<input type="radio"/>			
Made it possible for me to be more confident in new situations		<input type="radio"/>			
Given me a chance to improve my interpersonal skills	<input type="radio"/>				
Helped me learn to handle responsibility and use my time wisely		<input type="radio"/>			
Helped me discover new aspects of myself that I didn't know existed before		<input type="radio"/>			
Helped me develop new interests and abilities		<input type="radio"/>			
Helped me clarify my career goals	<input type="radio"/>				
Provided me with contacts which may lead to future employment			<input type="radio"/>		

(2 of 4)

Campus: Ujjain Road Indore Indore 453111 Phone +91-731-2729071-5 Website: www.svvv.edu.in
 Mailing Address: Shri Vaishnav Vidya Parisar 1/7 Jawahar Marg, South Rajmonalla, Indore, M.P. – 452002
 Phone: +91-731-2349111-2 +91-731-2349113

Appendices XI – form 3

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA



Answer the following Question

Q1. In the institute internship program, faculty members are expressed to be mentors for students. DO you feel that your faculty coordinator served such a function? Why or Why not?

Ans - Yes, I strongly feel that the faculty coordinator served as the mentor for us. The reason behind such a strong feeling is that She was like an absolutely perfect guide who was always there for me, never disappointed me and helped me a lot by providing me the guidance and suggestions whenever I needed.

Q2. How well were you able to accomplish the initial goals, tasks and new skills that were set down in your learning contract?

Ans - In the initial days of internship, it was hard for me to complete the given task on time and I required some extra time to learn new skills. After some time, I got used to the working environment and completed all the tasks on time. Almost all my goals that I set for the internship are accomplished, and I learned many new skills.

Q3. In what ways were you able to take a new direction or expand beyond your contract?

Ans - The complete credit of whether thinking in the same direction or making a decision out of the box goes to the industry mentor. He made us think up to the ground level which made us consider every aspect of making the decision regarding the project.

Q4. In what area did you most develop and improve?

Ans - Creating the idea, gathering and analyzing the requirement and accordingly developing an appropriate design for the intended system is most important to construct the system to meet the satisfaction of the client. We developed our approach to focus on such aspects over coding which improved our methodology of software creation and also important for software development methodology.

Q6. What has been the most significant accomplishment or satisfying moment of your internship?

Ans - Just following the guidelines laid by our mentor always encouraged me to make the project a finished product which was completely ready for deployment, and during this process he never let our morale down. When we finally completed the project, the satisfaction and containment mixed with joy and happiness on our mentor's face was the most significant accomplishment and even the satisfying moment of our internship. And whenever I learn something new and apply things practically that gives me immense pleasure.

(3 of 4)

Campus: Ujjain Road Indore Indore 453111 Phone +91-731-2729071-5 Website: www.svvv.edu.in
Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. – 452002
Phone: +91-731-2349111-2 Fax: +91-731-2349113

Appendices XII – form 3

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA



Q7. What did you dislike about the internship? Considering your overall experience, how would you rate this internship? Give suggestions as to how your internship experience could have been improved?

Ans - The first thing was due to Covid I had to work online and as a newbie it was tough to acquire things faster. Did not get enough support from mentor and employee in solving my problem that occurred during implementing the system. They don't give support because they want me to do it by myself. So I have solved my problem by myself, it took some time but I solved it. Overall experience is excellent, it taught me how to be self-dependent and solve our problem by ourselves.

Q8. Could you have handled added responsibility?

Ans - Yes, I have handled added responsibility, but sometimes I handled it perfectly and sometimes I failed to handle responsibility because of different working domains or not enough knowledge.

Q9. Would you have liked more discussions with your professor concerning your internship? Was closer supervision needed?

Ans - This thought never struck my mind that there was a need to have more discussions with the professor regarding internship. The discussions that happened with me were sufficient.

Q10. Was more of an orientation required?

Ans - No, all the necessary guidelines were given to us. But in the format of Internship report, students are confusing at early points but now it's clear.

Date: 17/05/2021

Signature of the Student

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