



BRIEF SUMMARY

Aspiring Computer Science student seeking hands-on experience in software development. Eager to apply technical knowledge and coding skills to contribute effectively to innovative projects and gain practical insights into the tech industry.

KEY EXPERTISE

HTML5 CSS Javascript ReactJS NodeJS Bootstrap JQuery SaaS Materialize LESS Databases
SQL MongoDB Git Github Docker Kubernetes Microservices Microsoft Azure IBM CLOUD Express.js
Next.js tailwind CSS Hosting Software Engineering Data Analysis Data Analytics Python Java
Data Structures Algorithms OOPs

EDUCATION

Parul University

B.Tech. - CSE - PIET | CGPA: 8.19 / 10

2021 - 2025

SHRI DINDAYAL SMRUTI TRUST SANCHALIT U.M. SHALA, Surat City

12th | GSEB | Percentage: 86 / 100

2021

THE PANCHSHEEL MERCANTILE CO OP BANK LTD MADHYAMIK SHALA, Surat City

10th | GSEB | Percentage: 91.67 / 100

2019

AWARDS AND SCHOLARSHIPS

- 1st Runner up Of HACKHAVEN 1.0 National Level Hackathon

PROJECTS

EasyBus - bus booking Platform

25 May, 2024 - 06 Jun, 2024

Key Skills:

HTML5 CSS Javascript ReactJS NodeJS JSON Databases Tailwind CSS Razorpay integration MongoDB

Project Link: <https://github.com/DivyangJoshi1/EasyBus.git>

I developed a fully functional bus booking platform. This project replicates the essential features of the popular bus booking platform, including user authentication, search functionality, booking management, and dynamic seat selection and Payment Gateway. the application ensures a seamless and responsive user experience. Successfully deployed, this project showcases my proficiency in full-stack development and my ability to build comprehensive web applications that handle real-world functionalities efficiently.

Spam Alert System

15 Mar, 2024 - 20 Mar, 2024

Team Size: 4

Key Skills: Python Machine Learning Cyber Security

Project Link: <https://github.com/DivyangJoshi1/Team-406-CodeTroopers>

Developed a robust spam detection system using Python and machine learning techniques. Designed to identify spam content in emails, including suspicious email addresses and SMS messages. Implemented advanced algorithms to enhance accuracy and efficiency, resulting in effective spam filtering and improved cybersecurity measures.

SnapChef

01 Jan, 1970 - 01 Jan, 1970

Key Skills: HTML5 CSS Flask Machine Learning Deep Learning Python

Project Link: <https://github.com/DivyangJoshi1/SnapChef.git>

Led the development of "SnapChef" an innovative application utilizing deep learning to analyze food images and generate comprehensive cooking recipes. Employed state-of-the-art computer vision algorithms to identify ingredients and cooking processes, while utilizing advanced natural language processing for coherent recipe instructions. Designed a user-friendly interface for seamless recipe generation, offering endless culinary exploration with just a snapshot of any dish.

SWASTHYA SAMRAT - AI BASED HEALTH SYSTEM

01 Jan, 1970 - 01 Jan, 1970

Mentor: Prof Sudheer Kumar | Team Size: 4

Key Skills: HTML5 CSS Javascript ReactJS NodeJS Machine Learning Artificial Intelligence

In today's healthcare landscape, challenges like fragmented care and limited accessibility are prevalent. Swasthya Samrat addresses these issues by harnessing AI technology to offer personalized virtual doctor services. Our platform streamlines care delivery, ensuring accurate diagnoses and personalized treatment plans. Through features like appointment scheduling and medication reminders, we empower users to take control of their health journey conveniently. With Swasthya Samrat, we're revolutionizing healthcare, making it accessible, efficient, and user-centric. Join us in shaping the future of healthcare with technology and compassion at its core.

Portfolio Website

Key Skills: HTML5 CSS Javascript Github

Project Link: https://github.com/DivyangJoshi1/Portfolio_Website

I designed and developed a personal portfolio website using HTML, CSS, and JavaScript to showcase my skills, projects, and professional background. The website features a modern and responsive design, ensuring an optimal viewing experience across various devices. It highlights my expertise in Full Stack Development, Machine Learning, and Cloud Computing, along with detailed sections for my education, internships, and certifications. Deployed successfully, this website serves as an interactive platform for potential employers and collaborators to learn more about my work and connect with me.

ACHIEVEMENTS

- o 1st Runner up Of HACKHAVEN 1.0 National Level Hackathon by Computer Science Society Of India With SLRTCE , Mumbai , Maharashtra
- o ShortListed for the Final Round Of HackTheLeague 3.0 National Level Hackathon , Jaipur
- o ShortListed for the Final Round Of CodeKshetra National Level Hackathon , Delhi
- o Selected at the State level in Science Fair by Government Of Gujarat

ASSESSMENTS / CERTIFICATIONS

IBM Full Stack Software Developer

Key Skills:

HTML5 CSS Javascript Node.js React.js Github DevOps Docker Containerization Kubernetes Python SQL NoSQL Django Microservices Bootstrap Web Application Security CLOUD Cloud-Computing

I have completed a Professional Certificate encompassing 10 courses on various Application Development and Cloud technologies. Equipped with the skills and knowledge required to tackle challenges in developing Cloud Native Applications, I possess hands-on experience with HTML, CSS, JavaScript, GitHub, Node.js, React, Cloud Native practices, DevOps, CI/CD, Containers, Docker, Kubernetes, OpenShift, Python programming, databases (SQL, NoSQL), Django ORM, Bootstrap, Application Security, Microservices, Serverless computing, and more. Additionally, I have deployed multiple applications on the cloud, completed a capstone project, and delivered a Software as a Service (SaaS) solution using Cloud Native methodologies.

IBM Machine Learning

Key Skills:

Ensemble Learning Linear Regression Machine Learning feature engineering Ridge Regression Statistical Hypothesis Testing Machine Learning (ML) Algorithms Supervised Learning Regression Analysis Exploratory Data Analysis Decision Tree Reinforcement Learning

SOFTWARE ENGINEERING

Aggregate: 64 / 100

Key Skills:

Software Engineering Software Testing Software Design Principle Procedual Design Methodologies Software Development Life Cycle Model

I have completed a course focused on addressing the unique challenges of large-scale software development. This course provided insights into the obstacles encountered in large-scale software projects and how to effectively overcome them. Beginning with fundamental life cycle model concepts, the course covered topics such as requirements specification, design considerations, and testing strategies. These concepts were illustrated using relevant examples to enhance understanding and application.

Data Analytics with Python

Aggregate: 78 / 100

Key Skills:

Python Data Manipulation Data Visualization Exploratory Data Analysis (EDA) Statistical Analysis Hypothesis Testing Machine Learning Concepts Data Cleaning and Preprocessing

The "Data Analytics with Python" course from NPTEL equipped me with essential skills in utilizing Python for data analysis and statistical modeling. Through this course, I gained proficiency in Python programming, probability theory, hypothesis testing, ANOVA, regression analysis (including linear and logistic regression), machine learning algorithms (such as decision trees and clustering), and model evaluation techniques like ROC analysis. I also developed hands-on experience in applying these concepts to real-world datasets, enhancing my ability to derive actionable insights from data and make data-driven decisions effectively.

Networking Essentials

Key Skills:

Network Communication Importance of Standards and Protocols Ethernet Networks IPv4 and IPv6 Address Management Application Layer Services Wireless Network Configuration Network Security Cisco IOS Building a Computer Network using Cisco Devices

Completed Cisco's Networking Essentials certification course, gaining comprehensive knowledge of fundamental networking concepts and technologies. Developed proficiency in TCP/IP networking, LAN and WLAN technologies, network device configurations, and basic network security principles. This certification validates foundational networking skills essential for entry-level IT roles and serves as a strong foundation for further Cisco certifications.

Data Visualization with Python

Key Skills: Data Visualization Techniques Graphical Representation Customization and Design

Data visualization is the graphical representation of data that interactively and efficiently conveys insights to clients, customers, and stakeholders. It is a way to summarize your findings and display it in a form that allows for interpretation and can help in identifying patterns or trends. I learned how to create interesting graphics and charts and customize them to make them more effective and more pleasing to your audience.

DSA With JAVA

Key Skills: Java Data Structures Algorithms

Successfully completed the comprehensive Alpha Plus DSA Batch program covering Java language fundamentals, advanced data structures, algorithms, and quantitative aptitude preparation. Developed expertise in implementing efficient data structures and algorithms, enhancing problem-solving skills, and participating in 50 live practice sessions facilitated by MAANG Engineers on alternate days.

PERSONAL INTERESTS / HOBBIES

- Travelling
- Reading History
- Photography

WEB LINKS

- Github - <https://github.com/DivyangJoshi1>
- Other - https://leetcode.com/u/divyang_joshi/

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Parul University, Post Limda, Waghodia ,
Vadodara , Gujarat, Vadodara, Gujarat, India - 391760

Date of Birth: 05 Feb, 2003

Known Languages: English , Hindi , Gujarati

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