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## **OBJECTIVE**

Software developer with 5+ years of experience in Designing, documenting, and implementing technical requirements for business applications, Collaborating with the backend application developers to integrate with the server-side code seeking to pursue an MS in Computer Science to develop the advanced skills to later work as a developer.

## **ACADEMIC QUALIFICATION:**

**MS. in Computer Science, January - 2023 - December 2023**

University of Alabama at Birmingham, Birmingham, Alabama,  
35205

**BTech. in Computer Science Engineering, CGPA: 6.68/10 June 2016 - May 2019** Sree

Vidyanikethan Engineering College, Tirupati

## **ACADEMIC PROJECTS :**

**Title: Designing a web-based E-commerce Application Nov 2018 - Dec 2018 Team Size : 4**

**Description:** It's a web-based B2B Design-To-Delivery commerce platform for fashion brands. This application provides a trusted platform to fashion brands to turn ideas into a business, have a seamless, transparent concept to procurement experience, and empower our global design community.

**Technologies Used:** HTML, CSS, JS, Firebase cloud, SQL, node Js, Camunda BPMN tool (for UML flow diagrams).

## **WORK EXPERIENCE :**

**UAB School of Health Professions - US**

**Jan- 2023 - Present**

**Project: Graduate Student Assistant**

**Technologies:** Angular, Ionic 6, Material UI, supabase, firebase, postgresql, python (beginner)

**Dedalus Health Care:**

**Aug-2022 - Dec-2022**

I joined Dedalus ( DH Health Care) in the month of Aug 2022 in Chennai as a Product 1 Professional Developer.

**Project Name : Lorenzo(Dedalus Health Care) Aug-2022 - Dec-2022**

**Technologies:** Angular, Ionic 6, Material UI, nodejs, nestjs, npm

**Role : Front-End Developer**

- Dedalus Healthcare offers Lorenzo patient record systems
- Develop the Lorenzo patient record systems are a type of Electronic Patient Record (EPR) using Angular, node, nestJS, express,
- Migrate the c# silverlight application to the Angular and react components based on the customer needs.
- The EPR was introduced as part of the UK government's National Programme for IT in the NHS
- An EPR is a digital collection of a patient's health information
- The EPR includes demographic information, medical history, medication and allergies, immunization status, laboratory test results, radiology images, vital signs, personal statistics like age and weight, and billing information
- EPRs can be accessed and shared across different healthcare settings
- EPRs are shared through network-connected, enterprise-wide information systems or other information networks and exchanges.

**Chekk - Hong Kong**

**Feb- 2022 - Dec-2022**

**Project: Chekk.me (freelance Software Engineer) ([Web Application Link](#))**

**📱 Chekk Mobile Version Presentation**

Chekk is a company that specializes in Digital Identity solutions. They offer Know Your Customer (KYC) services that are secure, efficient, and client-friendly. Chekk's software-as-a-service (SaaS) solutions automate the KYC and Know Your Business (KYB) processes, making them seamless and cost-effective for both companies and their customers. Chekk leverages customers' digital identity to provide end-to-end secure solutions.

**Technologies:** Angular, Gojs, Kendo UI, Ionic 4, Angular Material, NEXT JS, Nest js.

**ThoughtWorks, UI**

**Consultant Developer**

I joined ThoughtWorks in the month of Jan 2022 in Bangalore as UI Consultant Developer.

**Project Name: Lorenzo (Dedalus Health Care) Feb-2022 - July- 2022 Role : Front-End Developer**

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#### **Responsibilities :**

- The application for Lorenzo patient record systems was designed and developed using HTML, CSS, Bootstrap, Angular, and Angular Material.
- Angular, node, nestJS, and express were used to develop the Electronic Patient Record (EPR) system.
- The c# silverlight application was migrated to the Angular and react components as per customer needs.
- API integration was performed for different modules of the application.
- Organization graph chart libraries were developed and integrated using gojs, Dev extreme, and D3.
- Junit was used to write unit test cases for the application.
- Communication with Business Analysts was maintained to clarify business use cases.
- The Agile methodology was followed to deliver the project.
- Communication with Quality Analysts was maintained to desk check for each feature development.
- The TDD (Test Driven Development) Approach was followed to deliver the quality.

#### **Project: Lumos Success Catalyst - Thoughtworks**

**Jan 2022-Feb-2022**

#### **Role: UI Consultant Developer**

The primary objective of this project is to send email notifications to People Champions (PC) and Success Catalysts (SC) whenever an employee is not assigned to an SC. In case the SC gets changed, an email notification needs to be sent to the employee, SC, new PC, and the sub-organization unit on a weekly basis.

#### **Responsibilities :**

- Creating and developing APIs using NodeJS to perform CRUD operations.
- Supporting multiple users to retrieve the data from the database based on their requirements.
- Writing unit test cases for the application using Mocha, chai.
- Communicating with BA(Business Analyst ) to get clarification on the business use cases.
- Followed the Agile methodology to deliver the Project.

- Communicating with Quality Analysts to desk check for each feature development.
- Follow the TDD (Test Driven Development) Approach to delivering the Quality Software

**Company: OnPoint Technologies LLC., USA [A Government Brands Company]**

**Project Name: OPTIMUM UI**

**Apr 2021 - Dec 2021 Role: UI Developer (remote Full time Freelancer)**

On Point is a company that offers Integrity and Adjudication solutions to benefits agencies to streamline their workflow and improve productivity. Their products are designed with modern features and a deep understanding of the industry. Over half of the states in the US use their products and services. On Point is the only vendor to provide expert testimony before Congress on UI benefits system challenges. They have recently launched the OPTimum Integrity Cloud, which is a fully configurable, scalable, and modular solution.

**The system has different user levels:**

- Regular User.
- Trainee.
- Manager.
- Line Supervisor.

**Responsibilities:**

- Attended Daily Scrum meetings and gave updates on software delivery progress.
- Guided junior team members in the project and technologies.
- Designed and developed the front-end application using Angular, NPM Repo, and Camunda to support cross-browser compatibility.
- Communicated with the backend team for API integrations and data flow contracts.
- Attended meetings with architects and business analysts to understand the business requirement flow.
- Participated in sprint discussions to set sprint goals and plans.
- Worked on creating a new user form and all users list with multi-user access in the Users module.
- Communicated with business analysts to clarify business use cases.
- Followed Agile methodology to deliver the project.
- Operated the Jenkins tool for deploying the application and debugging build issues.
- Wrote documentation and designed UML flow diagrams to better understand business logic for teammates.
- Communicated with quality analysts for feature development preview and collaborated with the QA and backend teams.
- Wrote unit test cases.

**Company: Einfochips ( An Arrow Company)**

**Project Name: Hydro Dover (IOT) Oct-2020 - Dec 2021**

**Role : Software Developer**

Hydro Systems Co is a top provider of chemical dispensing and dosing solutions for laundry. Our products include equipment, software, and services that cater to laundries of all sizes,

from small machines to large commercial washers. Our dispensers are reliable, easy-to-install, and can automate the entire laundry process while reducing the cost of chemical usage. In addition, our dispensers allow for dynamic configuration of washing formulas, resulting in consistent quality of washing. Our system supports various user levels, including Hydro Admin, Hydro User, Chemical Company Admin, Chemical Company User, Site Admin, and Site User.

**Responsibilities:**

- Utilized NPM to install necessary node modules and Angular NPM modules, along with Angular CLI for creating various components and modules.
- Created a mobile application for Navigator using Ionic Framework that communicates with web application APIs to send and detect scanned car data.
- Designed and developed an application with Angular 6 framework, HTML5, CSS3, TypeScript, JavaScript, Bootstrap, and NPM, and was responsible for reviewing code.
- Tracked bugs using JIRA to minimize downtime and enhance communication and productivity.
- Collaborated with the QA and Backend team to write unit test cases.
- Developed the Users Module by creating a new user form and All users list, along with multi-user access.

**Project Name: IOT Platform (Dover Corporation) Jan 2020 - Oct 2020 Role : Software Developer**

The IoT platform is a web application that enables companies to manage their organization, users, and devices with role-based access. It supports multilevel and partner hierarchies for organizations, and users are assigned roles with access to only allowed resources. Device management allows for device creation and connection to Azure IoT hub, with OTA updates available for single or multiple devices. Alert management displays device-generated alerts on a map with location information. Product management enables organizations to create and offer products to other organizations in the hierarchy as assets or services. Location management includes creating geo-fencing and predefined rules for alerts, and tracks the history of products sold or received through different organizations.

**Project Name: Genesis Standard (VSG Genesis Standard - A Dover Company) Dec 2019 - May 2020**

**Role : Software Developer**

Genesis standard system is used for detecting misalignment in a vehicle's structure or verifying repair reports to eliminate the damage. Users will take prints which helps technicians to understand the current status of the vehicle structure and compare it with the actual structure.

**Roles & Responsibilities:**

- Responsible for client communication and Requirement Gathering.

- Led a small team of 3 Front end Engineers.
- Responsible for communication with the client's technical team.
- Responsible for Implementing new UI Modules/Screens.
- Responsible for code peer code review.
- Responsible for communicating with the client's customers if they have any concerns related to the Product.
- Responsible for writing jasmine unit test cases for the developed modules.
- Responsible for monthly/Quarterly Audit to QEG group for VSG genesis standard project.
- Responsible or high-quality deliverables.

**Project Name: VSG ADAS (Admin Application) Jun 2019 - Dec 2019**

**Role : Software Developer**

**Dover Corporation** provides information about developing an interface for the Backend Technical Support team to support the IOT Product. This Product Kit helps to provide services to cars at service centers. This Application is connected to the navigator. The technician scans the car parts with the help of an IOT Kit after the technician connects that kit to the navigator. The navigator captures the car data and verifies it with actual data. After completion of the process.

The technician sends the request for calibration to the technical support team. After that technical support team. They process the pre-scan Stage for the vehicle, then the technician processes the pre-scan stage and delivers the car to the customer and the technical team will proceed to generate the billing. The Application has Multi Authorized levels of Application. Based on the Authorized person the Application contains Access permit ions.

**The user levels are given below:**

- 1) Super Admin
- 2) Admin
- 3) Technician
- 4) User

**Responsibilities:**

- Used NPM for installing required node modules and other published Angular NPM modules. Worked Extensively with Angular CLI for creating components, Services, pipes, Directives, and Modules.
- Worked on some of the new features of Angular like new if else syntax, ng-templates, and form validators.
- Designed and developed the application using Angular framework along with HTML5, CSS3, Typescript, Java Script, Bootstrap, NPM. Responsible for code review activities.
- Used JIRA to keep track of bugs to reduce downtime, and increase productivity, and Communication.
- Write the Unit Test Cases. And collaborate with the QA team and Backend Team.
- Worked on Users Modules to create new user form and All Users List and give Access to

multi-user Access (Users Module only visible for Super Admin, Admin).

### **Highlights:**

1) Have been involved in **Genesis** Project Applications, a client of **Dover Corporation** Based on customer Requirements. And I have faced many challenges. Gain much knowledge using SVG and drag and drop functionalities and Js PDF features to export functionality. Application is used to design the car blueprints measurement of Cars and calculate the distances between points and base targets. Change target positions, thaw points, and freeze points.

2) Involved in **Hydro** Application being a part of **Dover Corporation** client. The main purpose of the Project is for Automatic Washing machine service. That will help to calculate usage and detergent used and usage, Chemical Summary, and cost Summary. In this Application, I have supported the delivery of the product fastly to clients and I have been involved in charts using the Kendo Material UI library and Export and Export All functionality.

### **Project Name: Right Invoices (CMS Application) Feb 2019 - Jun 2019**

#### **Role : Trainee Software Engineer**

Right Invoices cloud-based integrated tool for small and medium business owners which provides tools for accounting, invoicing, contact management and product inventory. With Right Invoices, end-users can create customers, stock items and generate purchase orders, purchase invoices and expenses.

#### **Responsibilities:**

- Worked on Front end by using AngularJS, Angular Material and JavaScript Frameworks. Worked on Angular JS directives, Controllers, Filters, Services, Template, Events and Injectors.
- Designed and developed CSS behaviors, CSS styles, CSS fonts, CSS buttons, Pseudo Classes in CSS. Used JSON for data exchange between client and server.
- Experience with creating custom directives, decorators, and services to interface with restful services.
- Implemented Angular Router to enable navigation from one view to the next as the customer performs application tasks.

#### **SKILLS SUMMARY:**

**Operating Systems:** Windows95/98/2000/XP/7/8/10/11, IOS

**Technologies:** HTML4/ HTML5, CSS3, JavaScript, Bootstrap, Angular js, Angular 7+, J.SON and TypeScript, Ionic 4, Material UI, SCSS, NPM repo, node js(Beginner), nest, Nextjs, Chai, Mocha, Reactjs(Beginner), firebase, Camunda.

**Version Tool:** GIT and SVN, TFS, Bit Bucket, Git Lab.

## **INTERNSHIPS :**

**Title : Restaurant Food Ordering System Nov 2018 - Jan 2019**

At the end of my senior year, I wanted to enhance my skills in the latest technologies in computer science. At the end of my effort, I worked as an intern at **Sciens Technologies** located in Hyderabad . There I worked on web based technologies such as “Html, CSS, JS” and Ionic, Firebase cloud to create a “**Restaurant Food Ordering System**”.

## **ADDITIONAL COURSES :**

- JavaScript HackerRank certificate.
- Angular Certificate from Udemy.
- JavaScript Algorithms certificate from Udemy.