

EXPERIENCED SOFTWARE ENGINEER WITH **5+ YEARS** OF EXPERTISE, SPECIALIZING IN **FRONT-ENT, BACK-END AND APP DEVELOPMENT**. I AM ALSO AN **AZURE CERTIFIED TRAINER** AND **OPEN-SOURCE CONTRIBUTOR**. KNOWN FOR MY UNWAVERING DETERMINATION, I AM CONSTANTLY LEARNING AND STRIVING TO GATHER MORE KNOWLEDGE IN ORDER TO EVOLVE INTO THE BEST POSSIBLE VERSION OF MYSELF.

## LANGUAGES AND TECHNOLOGIES

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- Strong Knowledge in **Angular, HTML5, CSS3, SCSS, Tailwing, Bootstrap, JavaScript** and **JQuery**.
- Strong Knowledge in **NodeJS** based web application and websites.
- Strong Knowledge in Developing **Responsive Web Application** development.
- Good Knowledge in **Flutter** and **Dart**.
- Good Knowledge in **MongoDB, MYSQL** database.

## EMPLOYMENT

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### Peninsular Research Operation

Oct 2020 - Present

#### Software Engineer

- Develop the web application Using **Angular, JavaScript, HTML, SCSS, CSS, Bootstrap**.
- Develop **Governance Projects, Dynamic Dashboard, PWA** applications.
- Develop the **Ticketing, Calendar, Community** and **Social Media** mobile application using **Flutter**.
- Implemented **Maps, Charts, Azure AD B2C** and **Auth0** authentications.
- Have worked into different user interface issues.

### ITW Travel and Leisure Private Limited

Nov 2018 - Oct 2020

#### Software Engineer

- Develop the web application Using **Angular, JavaScript, HTML, CSS, Bootstrap**.
- Developed travel websites including **Admin, B2B, B2C** and **B2E** Portals.
- Integrated payments gateways **Pay U Money**.
- Implemented **Travel Search** engine API, **Red Bus** API, **ITQ** financial API.

### Fixel Technologies

Jun 2018 - Nov 2018

#### Software Developer

- Develop the web application Using **PHP Codeigniter, HTML, CSS, JavaScript, JQuery, Bootstrap**
- Implemented various payment **gateways** like **PayU**.

## EDUCATION

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- Master of Computer Application in Madras University.
- B.Sc in Computer Science from Noorul Islam College of Arts & Science, Kumaracoil, Kanyakumari, with **71 %**.
- 12<sup>th</sup> from St.Mary Goretty Higher Secondary School, Manalikalrai, Kanyakumari, with **62%**.
- 10<sup>th</sup> from St.Mary Goretty Higher Secondary School, Manalikalrai, Kanyakumari, with **84%**.

## ACHIEVEMENTS

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- Successfully achieved the **Microsoft Certified Trainer** designation.
- Contributed to the development of the [aad\\_oauth](#) Flutter package.
- Developed and published the [twitter\\_auth v2](#) Flutter package, providing seamless integration with Twitter API.
- Successfully passed **Azure Developer Associate** Exam.

## PROJECTS

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### Governance Process Management Dashboard

- Developed the front-end of the application using **Angular(14)**, leveraging its component-based architecture to create a modular and maintainable code-base.
- Designed a flexible form builder module that enabled users to create and customize input form tailored to their specific needs.
- Designed the architecture and user interface of the application, ensuring an intuitive and user-friendly experience.
- Integrated popular charting libraries **Chart.JS** and **D3.JS** to provide dynamic data visualization on the dashboard. Designed and implemented various types of charts.
- Integrated **Azure AD B2C** to handle user authentication and authorization.
- Implemented responsive and interactive UI components for the dashboard, enabling users to visualize data effectively across different devices.
- Established communication between the back-end by consuming Restful API to fetch and display data on the dashboard.
- Ensured proper error handling and data synchronization to provide a seamless user experience.

### Voters Survey

- Leveraged **Angular(14)** framework to build a modern and responsive front-end for the survey application.
- Implemented **Progressive Web APP (PWA)** feature, enabling users to access the application offline and enjoy an app-like experience on their browsers.
- Developed the application to function seamlessly even in scenarios where network connectivity was limited or unavailable.
- Implemented local data storage (**Index DB**) and synchronization mechanisms, enabling users to complete surveys and view previous response offline, with automatic synchronization once connectivity was restored.
- Integrated **Azure AD B2C** to provide a secure and customization authentication mechanism for users.
- Designed the application architecture, user interface, and data flow to ensure a seamless user experience across different devices and network conditions.

### Airline Ticketing

- Utilized **Angular(5)** component-based architecture to develop a responsive and interactive front-end for the ticketing system.
- Created a modular code-base that facilitated efficient maintenance and scalability of the application.
- Designed an intuitive ticket booking workflow that guided users through flight selection, seat reservation, and payment.
- Implemented real-time availability updates and fare calculation to provide accurate information to users.
- Developed user authentication and registration functionalities to allow users to create accounts, manage profiles, and track booking history.
- Implemented security measures to protect sensitive user information.
- Designed an administrative dashboard for airline staff to manage flight schedules, seat availability, and booking records.
- Integrated secure payment gateways to facilitate seamless and secure online transactions for ticket purchases.
- Collaborated with QA teams to address any identified issues and ensure a bug-free application.

### Social Media App [Link](#)

- Utilized the **Flutter** framework to build the frontend of the application, ensuring a consistent user experience across both **iOS and Android** platforms.

- Developed interactive and responsive UI components that facilitated smooth navigation, media sharing, and content interaction.
- Implemented comprehensive media handling features, enabling users to upload, view, and interact with various types of media content, such as images and videos.
- Designed user-friendly interfaces for media uploading, tagging, and captioning, enhancing the app's multimedia capabilities.
- Created dynamic and personalized user feeds that displayed media content shared by friends and connections.
- Integrated push notifications to keep users informed about new likes, comments, and interactions on their shared media.
- Integrated the Auth0 authentication system to provide secure and frictionless user registration, login, and account management.
- Configured custom authentication flows and enhanced security measures to safeguard user accounts and personal data.

### **Community App [Link](#)**

- Utilized the **Flutter** framework to build the front-end of the application, ensuring a consistent user experience across both **iOS and Android** platforms.
- Designed a robust architecture for the Flutter community app, ensuring optimal performance, modularity, and scalability.
- Implemented comprehensive media handling features, enabling users to upload, view, and interact with various types of media content, such as images and videos.
- Integrated Strapi, a headless CMS, to facilitate efficient content management. Developed API endpoints for fetching, creating, updating, and deleting various types of community content.
- Designed and implemented data models for different app entities using Flutter's object-oriented programming features, ensuring data integrity and consistency.
- Utilized RESTful APIs to retrieve data from the **Strapi CMS**, implementing error handling and asynchronous operations for a seamless user experience.
- Employed various techniques to optimize app performance, including code splitting, and image optimization, resulting in a smooth and responsive user experience.
- Implemented secure user authentication using Auth0, enabling users to sign up, log in, and maintain their profiles with enhanced security measures.

## **DECLARATION**

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I hereby declare that all the mentioned information is true and correct to the best of my knowledge and belief.

**DATE :**

**PLACE :** Chennai

( **JENISH M S** )