Thengarai Maharajan Subbiah

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Profile Summary

Front-End Web Developer with 2.8 years of experience building scalable, high-performance web applications using Angular, JavaScript (ES6+), and TypeScript. Expert in crafting responsive, user-friendly interfaces with Angular Material, Bootstrap, and SCSS. Skilled in RESTful API integration, performance optimization, and Agile collaboration. Passionate about continuous learning and staying ahead in front-end innovations.

Experience

Programmer Analyst – Front-End Web Developer | Angular, TypeScript, JavaScript
Changing Constants (Sister Organization of SwiftAnt) | August 2022 – Present (2.8 Years)
Project: DMVIC : DIGITALLY MANAGED AND VERIFIABLE INSURANCE CERTIFICATE SYSTEM

Client: Association of Kenya Insurers (AKI), Insurance Association Malawi (IAM)

DMVIC is a comprehensive, country-wide insurance management system designed to streamline end-to-end insurance operations. It enables efficient policy issuance, claims processing, cancellations, financial management, user administration, and inventory tracking. Serving agents, brokers, member companies, and government agencies, DMVIC supports multiple insurance domains, including motor, life, professional indemnity, and marine insurance. Additionally, the system enhances operational integrity by implementing robust validation and compliance measures, ensuring greater transparency and efficiency across the industry.

- Developed and managed 7+ dynamic, responsive web applications using Angular, Angular Material, and Bootstrap, ensuring cross-browser compatibility and high performance.
- Integrated REST APIs with dynamic data binding to create intuitive and interactive user experiences.
- Optimized API calls to improve application efficiency and reduce data retrieval time.
- Incorporated feedback from quality analysts and end-users, leading to significant improvements in usability scores.
- Managed deployments in DEV, UAT and production environments using Azure DevOps pipelines and FileZilla application

Intern – Front-End Web Developer | Angular, TypeScript, JavaScript
SwiftAnt IT Solutions | April 2022 – August 2022 (5 Months)

- Built responsive, high-performance web applications using Angular and Bootstrap.
- Contributed to large-scale projects by developing reusable components and implementing modular architectures.

Skills

- Programming Languages: JavaScript (ES6+), TypeScript, Python (Basics)
- Front-End Development: Angular, Angular Material, Bootstrap, HTML5, CSS3, SCSS, jQuery (Basics)
- Software Development Principles: Object-Oriented Programming (OOP)
- Tools & Version Control: Visual Studio Code (VSCode), Git, Sourcetree, Postman
- Additional Skills: RESTful APIs, Agile Methodologies, Dynamic and Responsive Web Design

Personal Projects

[GitHub Portfolio](#) | [Project Demo](#)

- Chatbot [Angular , Google Gemini] : This AI-powered chatbot leverages Google Gemini API to provide intelligent, real-time responses to user queries.
- Resume Builder [Angular , Google Gemini] – Built with Angular, Bootstrap, jsPDF, allowing users to generate professional PDF resumes dynamically.
- Dynamic Forms Generator [Angular]– Utilizes Angular reactive forms to generate form fields dynamically from user-provided data.
- Image Detection & Manual Cropper [HTML, CSS, JS,Bootstrap, OpenCV] – A document scanning tool using OpenCV and edge detection algorithms.

Certifications

- Responsive Web Design Certification – FreeCodeCamp (2024)
- JavaScript Algorithms and Data Structures – FreeCodeCamp (2024)
- Business English Certificate Preliminary – Cambridge English (2018)

Education

Bachelor of Engineering - Computer Science Engineering

Jerusalem College of Engineering (Anna University), Chennai   2017 - 2021

Higher Secondary Education

Seventh Day Adventist Matriculation Higher Secondary School, Hosur   2016 - 2017