

Anushka Mahesh

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Bristol, United Kingdom

Professional Summary

Software Engineer with extensive expertise in delivering innovative solutions and optimizing system architectures. Proficient in TypeScript, Azure, and microservices, with a proven track record of enhancing application scalability and maintainability. Passionate about pioneering new technologies and driving future growth through cutting-edge software development practices.

Skills and Technologies

Languages: JavaScript, TypeScript, PHP, Python

Frontend: React, React Native, Redux, Angular, AngularJS, React Testing Library, Protractor, Cypress, Webpack, Babel, HTML, CSS

Backend: Node.js, Express.js, GraphQL, RESTful APIs, JWT, OAuth2

Databases: PostgreSQL, MySQL, MongoDB, Redis, SQL

DevOps: Jenkins, Azure DevOps, Docker, Kubernetes, Nginx, CI/CD, Git, GitHub, API Gateway

Cloud: Azure, AWS

Methodologies: SCRUM, Agile, TDD, BDD

Other: Microservice Architecture, Event-Driven Systems, Software Architecture, Distributed Systems, Micro Frontend, Prisma

Professional Experience

Fullstack Engineer, Healthcare Clarity, Bournemouth, United Kingdom

November 2023 – Present

- Spearheaded micro frontend implementation, revolutionizing existing application architecture and enhancing modularity for improved scalability and maintainability.
- Developed a release pipeline for each module to ensure seamless integration and deployment.
- Implemented the overall release process for the backend using custom containers within the app service for scalability and efficiency.
- Led the development of a PMI platform from the ground up, ensuring smooth client onboarding.
- Improved application quality by adding backend and frontend E2E and unit test cases using Cypress and React Testing Library to enforce best practices like TDD, reducing bugs by 50
- Improved application quality by adding backend and frontend E2E and unit test cases using Cypress and React Testing Library.

Technologies: JavaScript, TypeScript, React.js, React Testing Library, Cypress, Node.js, Redux, Azure DevOps, Docker, Nginx, MySQL, Azure Repos, RESTful APIs, Microservices Architecture, Prisma, GraphQL, Micro Frontend Architecture

Lead Developer, Akoom Tech, Bristol, United Kingdom

February 2022 – December 2023

- Mentored developers to enhance the standards of deliverables and fostered a culture of continuous improvement.
- Conducted client meetings to gather requirements and maintained backlogs for feature development.
- Organized and conducted sprint planning sessions every two weeks to prioritize tasks.
- Made strategic decisions regarding database design and application architecture to ensure scalability, performance, and maintainability.

- Built applications using the React ecosystem and Redux, focusing on maximizing user experience.
- Collaborated closely with the team to build CI/CD pipelines for efficient and automated deployment workflows.
- Conducted research on AI solutions to alleviate bottlenecks in client processes, improving efficiency.

Technologies: OpenAI, React, Redux, Cypress, Node.js, AWS, PMI, Scrum, Docker, RESTful APIs

Senior Fullstack Engineer, ZorroSign, Inc., Colombo, Sri Lanka

October 2018 – January 2022

- Implemented new frontend building processes to optimize user experience.
- Expanded the e-signature platform by adding new modules and enhancing functionality.
- Developed a blockchain solution to securely store and track document-related changes.
- Researched micro frontend solutions as a design architecture for evolving systems.
- Provided coding guidelines and introduced new front-end concepts to improve the user experience.

Technologies: AngularJS, Ngina, C, Agile Development, Micro Frontend, Scrum

Senior Fullstack Engineer, Salpo Technologies, Colombo, Sri Lanka

April 2016 – October 2018

- Developed cross-platform solutions to bridge the gap between mobile and web platforms.
- Built a Facebook-like application for the medical community, designed exclusively for mobile devices.
- Implemented advanced OOP concepts and software development principles using TypeScript.
- Coordinated with mobile developers to assess feasibility and integrate web features.
- Contributed to improvements and enhancements to the CRM system.

Technologies: AngularJS, Angular, Jenkins, Protractor, PHP, Agile Development, Scrum

Fullstack Engineer, OrangeHRM, Inc., Colombo, Sri Lanka

April 2015 – April 2016

- Created and launched a mobile app using Ionic framework and AngularJS with cross-platform capabilities.
- Developed enterprise applications using the Symfony framework for various client needs.
- Enhanced the database design of an open source HR application, optimizing performance and scalability.
- Applied TDD principles to provide robust solutions for sustainable development.

Technologies: AngularJS, PHP, Symfony, TDD, Agile Development, HRM Platform

Education

M.Sc Cyber Security, University of the West of England
Bristol, United Kingdom

B.Sc. Computer Science and Engineering, University of Moratuwa
Colombo, Sri Lanka

Hobbies & Personal

In my free time, I enjoy reading about new technologies and jogging around the local area.