

Rishitha Fernando

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SKILLS

Languages: JavaScript, TypeScript, Java, C#, Python

Frameworks/Libraries: ReactJS, ReactNative, Node.js, Redux, Material UI, Chakra UI, HTML/CSS, Styled Components Tailwind CSS, Bootstrap, Jest, Spring Boot, Spring MVC, Spring MicroService

Development Tools: Vite, WebSocket, Apache

Database: MySQL, SQL, DynamoDB, GraphDB, MongoDB, OpenSearch (Elasticsearch)

Cloud Platforms: Azure, AWS (Amazon Web Services)

Other Technology: Serverless, Jira, Trello, GitHub, GitLab, Bitbuket, Azure Portal, Azure DevOps, Microsoft Office

Tools: IntelliJ IDEA, WebStorm, Xcode, Android Studio, Visual Studio Code

Soft Skills: Adaptability, Communication, Critical Thinking, Problem-Solving, Interpersonal Skills, Time Management, Creativity

WORK EXPERIENCE

FUTR AI | FULL STACK SOFTWARE ENGINEER

London, UK | Feb 2023 – Present

- Futr AI is a VC backed tech start-up with the mission of delivering superpowers to support teams everywhere. From out of hours self-serve chatbots to making live chat agents instantly multilingual on any social or chat channel, Futr's superpowers are transforming the way organisations serve their audiences.
- Projects Involved - Chat Bots + Web Admin Portal

★ Front End Contributions

Collaborated on a comprehensive site rebuild, focusing on user agent settings and live chat features for the user chat bot.

Specialized in a data-driven site, handling server data manipulation.

Developed key features, like webSockets (Microsoft Signal R) and implemented live video chat using the Microsoft Azure Communication Services (ACS).

Revamped code-base significantly and implemented substantial refactoring in the chat bot system, concurrently executing extensive UI/UX enhancements with a primary focus on improving accessibility features.

Effort to white-label the product, utilizing Material-UI for a consistent and customizable user interface.

Directed and led a team of FrontEnd engineers, overseeing collaborative efforts to achieve project objectives and ensuring the successful execution of tasks in alignment with organisational goals.

★ Back End Contributions

Code and debug systems written mostly in Typescript and C# in the server-side with frameworks such as NodeJS and ASP .Net. Aside from the usual client-server infrastructure.

I have also worked with conventional infrastructures like Backend-for-Frontend and server-side rendering depending on system requirements.

- **Technologies & Tools :** React, Typescript, Node.js, C#, WebSocket, Serverless, Azure, Material UI, Jest
- **Clients :** Newham Police, AWIN, BiPolar, Superdrug
- **Links :** [Futr AI Bot](#)

AVONET TECHNOLOGIES | SENIOR SOFTWARE ENGINEER

Colombo, LK | Oct 2022 – Jan 2023

- Projects Involved - Rail Online Mobile App

Rail Online mobile application makes it easy for travellers to compare, plan and book train tickets and train passes from a vast product range offered by the world's leading operators to get the best deal available. It allows users worldwide to easily book train tickets to travel within European countries, the UK, the US, and Canada. It helps travellers to self-manage their journey with speed and ease.

- **Technologies & Tools :** ReactNative, Node.js, TypeScript, AWS, Serverless, DynamoDB, Stripe

- **Projects Involved - Greg Mobile App + Web Admin Portal**

The Greg mobile application is an easy-to-use platform for users to connect with mates, get active, have fun and stay healthy. It motivates users and improves users' lives through physical activity and social connection. The app helps users connect with like-minded individuals, find activities and events and follow businesses and organizations based on their interests and location.

The Admin Portal is used to maintain master data.

- **Technologies & Tools :** ReactNative, ReactJS, Node.js, TypeScript, AWS, Serverless, DynamoDB, GraphDB, OpenSearch (Elasticsearch), Stripe, Twilio

- **Links :** [Greg Mobile App](#).

- **Projects Involved - Greenhouse Web + Web Admin Portal**

Greenhouse helps you to make informed decisions on how to increase your home's comfort and take control of your household living expenses now and into the future and provides personalized recommendations and practical tools to help decrease your household energy costs and climate impact.

The Admin Portal is used to maintain master data.

- **Technologies & Tools :** ReactJS, Node.js, TypeScript, AWS, Serverless, DynamoDB

- **Links :** [Greenhouse Web](#).

- **Projects Involved - Affiniti DMS**

Affiniti DMS is a delinquency management platform which helps organizations in the credit monitoring and debt recovery process. While working at Avonet I played a major role in this project to make sure the product is delivered on time while maintaining quality and standards.

- **Technologies & Tools :** Java, JEE, Spring Boot, Spring MVC, Spring MicroService, MySQL, JavaScript, jQuery, Python

- **Projects Involved - Affiniti CRM**

Affiniti CRM is a customer relationship management platform that helps organizations keep track of customer and sales leads. While working at Avonet I played a big part in this project as a developer to deliver a quality product on time to the customer.

- **Technologies & Tools :** Java, JEE, Spring MVC, MySQL, JavaScript, jQuery

EDUCATION

BSc (Hons) in Software Engineering

Plymouth, UK | Jun 2018

UNIVERSITY OF PLYMOUTH

Classification: Second Class Honours (Lower Division)

Diploma in Information Technology with E-Commerce

Colombo, LK | Mar 2014

ESOFT METRO CAMPUS

Classification: Grade A

Certificate in Applied Information Technology (CAIT)

Colombo, LK | Nov 2013

SRI LANKA TELECOM TRAINING CENTER

Classification: Grade A

REFEREES

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