

# ADISHA MADHUSHANKA

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Location: Brisbane, QLD, Australia

## PROFESSIONAL SUMMARY

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*Senior Software Engineer based in Brisbane, QLD, with 9+ years of experience delivering large-scale web applications across **banking, aviation, telecommunications and enterprise environments**. Holds **unrestricted Australian working rights**. Strong expertise in **React.js, Next.js, TypeScript, JavaScript, Node.js, REST APIs, AWS and microservices architectures**. Experienced in modern **AI-assisted and agentic development** using **Claude Code, GitHub Copilot, AI coding agents and Retrieval-Augmented Generation (RAG)**. Proven ability to build **secure, scalable and high-performance digital products** while leading frontend architecture, mentoring engineers and improving software delivery practices.*

## TECHNICAL PROFICIENCIES

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- **Programming languages:** JavaScript, TypeScript, HTML, CSS, SASS, Node.js, ExpressJS, Python.
- **Front-end frameworks and libraries:** ReactJS, Next.js, React Native, Redux, Tailwind CSS, Material UI, Bootstrap.
- **Build & CI Tools:** Webpack, gulp, NPM, Puppet, Jenkins.
- **Test frameworks:** Mocha, Jest.
- **CMS (Content Management Systems):** WordPress, Strapi, Drupal.
- **AWS cloud services:** ECS, Lambda, VPCs, RDS, API Gateway, Step Functions, Amplify, SNS, CodePipelines etc.
- **Generative AI and AI assisted development:** Claude Code, GitHub Copilot, AI coding agents, Retrieval-Augmented Generation (RAG), prompt engineering, LLM integration, AWS Bedrock and SageMaker.
- **Google cloud services:** Firebase, Cloud Functions.
- **Container orchestrations:** Docker, Docker-Compose, AWS ECS.
- **Mobile-app distribution tools:** App Centre integrations, App Store Connect, Testflight, Google Play Console, Google internal testing.
- **Application performance monitoring/ debugging tools:** AWS CloudWatch, Loadster.
- **Software engineering/ project management tools:** GIT, JIRA, Bitbucket (Pipelines), Confluence, NPM Trends.
- **Database Technologies:** MongoDB, PostgreSQL, MYSQL, MSSQL, SQL.
- **SDLC methodologies:** Agile (Scrum/ Kanban), Waterfall.

## EMPLOYMENT HISTORY

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### [MindLogics Limited](#)

*January 2026 – August 2026*

#### Senior Software Engineer

- Developed and maintained scalable web applications using **React.js, Next js, JavaScript, TypeScript, HTML and CSS**.
- Built **reusable React components and integrated frontend applications with RESTful APIs to enable seamless data exchange and functionality**.

- Applied modern AI-assisted development workflows using **Claude Code, GitHub Copilot and AI coding agents for solution design, code generation, refactoring, debugging, automated testing** and technical documentation.
- Developed and explored **AI enabled solutions using large language models, agentic workflows and Retrieval-Augmented Generation (RAG)**, including prompt development, contextual information retrieval and response evaluation.

**Technologies Used:** React.js, React Native JavaScript, RESTful APIs, Microservices Architecture, Claude Code, GitHub Copilot, AI coding agents, RAG, LLM integration, Redis, JWT Authentication Jira, Confluence, CI/CD Pipelines

**Oversea-Chinese Banking Corporation (OCBC) - Singapore**

***March 2022 – January 2026***

**Senior Software Engineer (AVP)**

- Led frontend architecture and technical decision-making across multiple product teams delivering retail and corporate banking platforms.
- Designed and implemented scalable React-based applications integrated with Java Spring Boot microservices in a secure, high-availability banking environment.
- Collaborated closely with UX, backend, and product stakeholders to translate complex business requirements into performant, user-centric web solutions.
- Mentored junior and mid-level engineers through structured code reviews, architectural guidance, and knowledge sharing initiatives.
- Evaluated and introduced modern frontend practices and tooling to enhance performance, maintainability, and development efficiency.

**Technologies Used:** React JS, JavaScript, Claude Code, GitHub Copilot, AI coding agents, Java, Spring Boot 2 and 3, Docker, OpenShift, Jenkins, Junit 5, PostgreSQL, Redis,

**Singapore Airlines (under ITCAN Pte Ltd) - Singapore**

***March 2020 – March 2022***

**Senior Software Engineer (React JS)**

- Designed and developed the Manage Booking frontend platform supporting millions of annual customer transactions across global markets.
- Architected reusable strongly typed React component libraries to standardize UI patterns and improve development consistency across teams.
- Implemented robust Redux based state management for complex, multi-step booking workflows with real-time data synchronization.
- Integrated frontend applications with AWS cloud services and Node.js backend APIs, ensuring high availability and performance under peak traffic conditions.
- Conducting technical design reviews and effort estimation to support sprint planning and delivery.

**Technologies Used:** React, JavaScript, Redux, AWS, Node.js, Context API, Material UI

**DBS Bank Singapore - Singapore**

***October 2019 – March 2020***

**React JS Developer**

- Contributed to the development and maintenance of the DBS digibank platform supporting secure account management, fund transfers, and bill payment services.
- Designed and implemented scalable Redux state management patterns, including store architecture and reducer composition for complex financial workflows.
- Developed and maintained scalable web and cross-platform mobile applications using React.js, React Native, JavaScript, TypeScript, HTML and CSS.
- Collaborated with cross-functional teams to deliver secure, high-quality frontend solutions within agile sprint cycles

**Technology Stack:** React, React Native, JavaScript, Redux, Context API, Material UI, Bootstrap

**Software Engineer**

- Delivered enterprise-grade React applications across healthcare, manufacturing, and social networking domains, supporting complex business workflows
- Building CareView, a UK NHS integrated care record system with Keycloak authentication and GDPR-compliant data handling
- Developed frontend modules for GPF ERP, enabling production tracking, inventory visibility, and supply chain coordination.
- Designing reusable component libraries with Flow type definitions and performance optimisation via code splitting and lazy loading.

**Technologies Used:** React, React Native, JavaScript, Redux, Next.js, Material UI, Bootstrap, Wordpress, Node.js, Keycloak, AWS

**Software Engineer**

- Developed and maintained high scale React Native mobile applications for Dialog Axiata, serving millions of users across iOS and Android platforms
- Contributed to the development of the Dialog Self Care (MyDialog) app, enabling customers to manage 350+ telecom services through an intuitive mobile interface.
- Played a key role in designing and developing the Dialog O2A Retailer App, a fully digitized onboarding solution that streamlined retailer operations and reduced manual paperwork.
- Implementing Dialog CFSS for field technicians with Google Maps, barcode scanning, and offline-first architecture.
- Built and maintained Appium-based automated testing frameworks to ensure release stability and cross-platform quality

**Tech Stack:** React Native, JavaScript, Next.js, React, Redux, PHP, Yii

**Associate Software Engineer**

- Developed and customised WordPress-based websites for corporate and hospitality clients, ensuring responsive design and cross-browser compatibility.
- Implemented frontend features using HTML, CSS, JavaScript, and Bootstrap, enhancing usability and visual consistency.
- Integrated PHP-based functionality and plugins to extend CMS capabilities and support client-specific requirements.
- **Tech Stack:** HTML, CSS, JavaScript, Bootstrap, jQuery, PHP, WordPress, Drupal

**EDUCATION**

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- **BEng (Hons) Software Engineering University of Westminster | 2013 – 2017**

**REFEREES**

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***Available on request.***