

AMEET SHRESTHA

SENIOR FRONT-END ENGINEER

+61 452 578 420 | [Digital Portfolio](#) | Penrith, Sydney, Australia | [LinkedIn](#)

WORK EXPERIENCE

Senior Frontend Engineer | NSW Department of Customer Service | July 2025 - Ongoing

- Led the delivery of a modular, multi-scheme licensing platform using lazy-loaded transaction modules for licensing applications, offline payments, and notification amendments, enabling independent feature rollouts across multiple NSW licensing programs.
- Designed end-to-end offline payment journeys with step-based validation and integrated secure payment reference validation using reCAPTCHA and API orchestration to maximise fraud resistance.
- Managed in-house reusable component libraries and integrated internal and third-party libraries, improving UI consistency and development efficiency across multiple NSW Government web applications.
- Implemented WCAG 2.1 AA accessibility standards across assigned applications, addressing 30+ accessibility issues and improving compatibility with screen readers and assistive technologies, ensuring compliance with NSW Government digital accessibility requirements.
- Supported the FuelCheck NSW public-facing web application and its admin portal, delivering regular feature updates, performance optimisations, bug fixes, and operational enhancements that improved page load times and application responsiveness by approximately 15–20%.

Development Consultant | Norbrik Pty. Ltd. | November 2021 - June 2025

- Migrated and rewrote outdated SharePoint Classic components to SPFx for SharePoint Online, building modular web parts and extensions. Improved maintainability and boosted operational efficiency by 25% significantly enhancing user experience.
- Separated the React client app from the .NET Core backend in the company's SaaS app, implementing error boundaries, react-refresh library and code refactoring, resulting in a 40% improvement in the development experience.
- Improved the application performance by addressing bottlenecks caused by outdated code and slow rebuild times, upgrading Webpack to version 5, implementing code splitting, and transitioning to functional components, resulting in a 40% faster load time and enhanced developer experience.
- Consulted directly with clients to define project requirements and provided technical support and troubleshooting, ensuring successful software handovers.

Frontend Developer | Bottle Technology | June 2021 – October 2021

- Created a custom UI library from scratch using SCSS for design and Framer for animation, implementing a theme structure to overcome limitations of existing UI libraries. This resulted in a 30% boost in code efficiency and enabled quicker adaptation to feature changes, improving overall development speed.
- Implemented AWS Cognito for user authentication and multi-factor authentication (MFA) to manage a large user pool and ensure scalability, speeding up the development process by 5% and enabling the application to efficiently handle future user growth.
- Use Ant Media Server with WebRTC technology to provide ultra-low latency video streaming for an online learning platform, improving real-time communication performance by 50% and reducing delay.

Lead Frontend Developer | Code for Core Innovation June 2019 – May 2021

- Managed 4+ clients to gather requirements and translated their needs into detailed wireframes and UI designs using Adobe XD and Figma.
- Managed multiple projects, utilizing libraries such as Redux for state management, TypeScript for strict type definitions, and SCSS, CSS, Bootstrap, Ant Design, and Material UI for consistent design systems, resulting in code maintainability, scalability, and faster development cycles.
- Used Next.js for file-based route handling, server-side rendering, and SEO management, alongside NextAuth for front-end authentication, resulting in faster load times and achieving the maximum SEO score.

TECHNICAL SKILLS

React | Next.js | Typescript | JavaScript | React Native | Expo | Jest | HTML | Redux | React Query | SCSS | Tailwind CSS | Bootstrap | Material UI | Ant Design | Node.js | C# | dotNet | MongoDB | Express.js | SharePoint (SPFx) | CI/CD | Mongoose

EDUCATION

Master's degree | Business Management | CQ University 2022 - 2024

Bachelor's degree | Business Administration | King's College, Westcliff University 2014 - 2018