MUNISH KUMAR

Software Developer

Auckland, NZ
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Portfolio
GitHub
LinkedIn

Summary

Full-stack developer with strengths in React/Next.js + TypeScript on the front end and Node.js/Express, MongoDB, and AWS on the back end. Built IoT and CRUD applications with secure auth, real-time telemetry, and responsive UIs. Skilled in performance tuning, testing, and deployment.

Skills

Front-end: React, Next.js, TypeScript, Tailwind CSS, responsive design, accessibility, performance optimization
Back-end: Node.js, Express, REST APIs, MongoDB, Firebase, AWS (Lambda, S3, Cognito, API Gateway), Docker
Testing/Tools: Jest, React Testing Library, ESLint, Prettier, GitHub Actions
Practices: UX collaboration, CI/CD, documentation, agile teamwork

Experience

Front-End Developer (R&D) - Adroit, Auckland
Jun 2023 - Jun 2024

- Built IoT device dashboard (**React/Next.js, TypeScript**) surfacing telemetry in real-time for 400 devices: reduced fault detection time from hours to mins.

- Designed responsive UI and optimized list rendering, improved dashboard load speed and user experience across devices.

- Implemented role-based access and alerting views with clear, user-friendly layouts.

- Integrated AWS services (Lambda, S3, Cognito, API Gateway) to support real-time device data and role-based access in the dashboard.

Professional Driver (part-time)
2003 - Present

- Operated in safety-critical environments with zero no-shows: strong record in incident response and customer communication. Balanced part-time shifts alongside study and software work.

Projects

IoT Ops Dashboard (Next.js/TypeScript) - GitHub • Demo
Built responsive front-end with telemetry graphs and alert views, improving visibility and speed of identifying device issues.

MERN Book List App (React/MongoDB) - [GitHub](#) • Demo
Responsive CRUD app with secure authentication, pagination, and form validation; optimized performance and ensured code reliability with testing.

Real-Time Multiplayer (Unity + Firebase) - [GitHub](#) • [Demo](#)
Built real-time sync of player state with interpolation for smoother UI; demonstrated low-latency rendering.

Education

Bachelor of Computer and Information Science - AUT, Auckland
Completion: *Jun – 2025*

Certification in Computing - Te Wananga o Aotearoa, Auckland
Completion: *Nov – 2005*

Professional Highlights

Strong communicator: collaborates closely with product/design, writes clear pull requests, and documents decisions succinctly.