AASISH RIJAL

SENIOR SOFTWARE ENGINEER

Auckland, NZ | 022 690 8419 | **rjlaasish.com** | **github.com/rjlaasish** | **linkedin.com/in/rjlaasish**

PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years' professional experience building and deploying web applications for clients in New Zealand, Australia and Nepal. Experienced designing **GraphQL and REST APIs**, modelling data in **PostgreSQL** and MongoDB, and building responsive, accessible **React / Next.js** and **Angular** frontends. Hands-on with **AWS** (EC2, Lambda, RDS, S3), infrastructure as code (AWS CDK), Docker and CI/CD pipelines. Recently completed a Master of Software Engineering in Auckland. A collaborative communicator who is comfortable owning features end-to-end within cross-functional Agile teams.

TECHNICAL SKILLS

Languages & Runtimes:	TypeScript, JavaScript (ES6+), Node.js, Python, HTML5, CSS3
Frameworks & Libraries:	React.js, Angular, Next.js, Vue.js, React Native (Expo), Ionic, Redux, RxJS, NgRx, GraphQL (Apollo), Django
Cloud & DevOps:	AWS (EC2, Lambda, RDS, S3, CloudWatch), AWS CDK, Docker, CI/CD (GitHub Actions, GitLab CI, Jenkins, CircleCI)
Databases:	PostgreSQL, MongoDB, Supabase
UI, Styling & Data Viz:	Tailwind CSS, Angular Material, SCSS, Styled Components, Framer Motion, CSS Grid/Flexbox, Recharts, Ag-Grid, Figma
Architecture & Practices:	REST & GraphQL API Design, Monorepo Architecture, Agile/Scrum, Core Web Vitals, Google Analytics, Web Accessibility (WCAG), Cross-Browser Compatibility
AI-Assisted Development:	GitHub Copilot, Claude Code, Codex, Antigravity
Tools & Workflow:	Git, GitHub, GitLab, Bitbucket, Jira, Notion, Miro

PROFESSIONAL EXPERIENCE

CyAura AI, Auckland, NZ **(Apr 2026 - Aug 2026)**
Software Engineer (Industry Placement) | *CyAura Tracker, CyAura Trader*

- **UI Design & Prototyping:** Designed UI mockups and prototypes in Figma, then translated them into functional, responsive frontend components.
- **Component Development:** Built and maintained reusable React and Next.js components in TypeScript, following existing design-system and coding conventions.
- **Team Delivery:** Worked within Agile workflows, code reviews and version-control practices in a professional team setting.
- **AI-Assisted Engineering:** Used GitHub Copilot, Claude Code and Antigravity to accelerate feature delivery, applying sound engineering judgement to review and refine AI-generated code.

Agora Livestock, Perth, Australia (Remote Contract) **(Jul 2025 - Apr 2026)**
Senior Software Engineer | *Agora Livestock*

- **Full-Stack Delivery:** Built production-ready Next.js applications from Figma designs and an embeddable Vue.js widget that lets external sites, including Wix, display real-time livestock statistics. Developed the supporting Python/Django backend, building REST API endpoints, designing data models and writing the business logic that feeds the frontend and widget.
- **Mobile App Development:** Developed cross-platform iOS and Android features for the Agora Livestock mobile app using React Native and Expo, sharing the same backend APIs as the web platform.
- **Dashboards & Micro-interactions:** Built interactive Recharts and Ag-Grid dashboards for livestock inventory and health metrics, with polished UI using Styled Components and Framer Motion.

Tekkon Technologies, Kathmandu, Nepal **(Dec 2022 - Jul 2025)**
Software Engineer | *Strata Town, Linewize*

- **Backend & APIs:** Designed and built GraphQL APIs on Node.js, defining schemas and resolvers, and modelled relational data in PostgreSQL across multiple client projects.
- **Web Applications:** Developed and optimised responsive React and Angular apps in TypeScript, with emphasis on performance, accessibility and cross-browser compatibility.
- **Mobile App Development:** Built cross-platform iOS and Android apps with Ionic and Angular, reusing the same GraphQL APIs as the web platforms.
- **Cloud & DevOps:** Deployed and maintained applications on AWS (EC2, Lambda) using AWS CDK and CloudWatch, containerised services with Docker, and maintained CI/CD pipelines across GitHub Actions, GitLab CI, Jenkins and CircleCI.
- **Collaboration:** Performed code reviews, resolved integration issues, and worked with UI/UX designers to turn wireframes into accessible interfaces.

Cogent Health, Kathmandu, Nepal **(May 2021 - Dec 2022)**
Frontend Engineer | *eAppointments*

- **Booking System:** Developed a high-volume React.js booking system letting patients schedule consultations by doctor or department with real-time availability.
- **Monorepo Architecture:** Managed a monorepo sharing code across administrative and patient-facing interfaces.
- **State Management:** Architected global Redux state to handle high-traffic booking flows and keep data in sync across the appointment lifecycle.
- **API Integration:** Collaborated with backend engineers to integrate REST APIs and improve frontend performance.

EDUCATION

Yoobee College of Creative Innovation, Auckland, NZ **(Jul 2025 - Jul 2026)**
Master of Software Engineering (Level 9 NZQF)

- **Capstone:** 60-credit industry-based research project on experimental software architecture, design patterns and quantitative research methods.
- **Coursework:** Professional Software Engineering, Cloud Security, Data Analytics, Blockchain & Decentralised Digital Identity, Quantum Computing, Research Methods.

Texas International College, Kathmandu, Nepal **(Sep 2017 - Dec 2021)**
Bachelor of Science in Computer Science and Information Technology

COMMUNITY & INTERESTS

- **Open Source:** Contributor to community-focused web applications supporting diaspora and local community groups in New Zealand.
- **Tech Community:** Regular participant in Auckland technology meetups and developer communities.
- **Interests:** Hiking, digital design, cloud security and blockchain technologies.

REFEREES

Available on request.