

# Vishnu Haridas

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## Professional Summary

Frontend Engineer with 9+ years of experience designing and developing scalable client-facing applications using TypeScript and React Native. Experienced in web application development, REST APIs, WebSockets, and distributed systems built on AWS. Strong advocate of continuous delivery, automated testing, defensive programming, and secure software development. Comfortable operating services in Unix/Linux environments and taking ownership of production codebases.

## Technical Skills

**Frontend & TypeScript Frameworks** React Native, TypeScript, Expo, Redux Toolkit (RTK Query), Cross-Platform Development, Component-Based Architecture

**Web & API Development** Web Application Development, REST APIs, GraphQL, WebSockets, API Development, Secure API Integration

**Cloud & Distributed Systems** AWS, AWS Lambda, Distributed Systems, Serverless Architecture, Microservices Infrastructure Concepts

**Testing & Engineering Practices** Automated Testing, Unit Testing (Jest, XCTest), Continuous Integration (CI), Continuous Deployment (CD), Defensive Programming, Release Management

**Mobile & System Integration** BLE, IoT, Offline Storage (CoreData), Performance Optimization, Security Best Practices

**Tools & Platforms** Git, EAS, Firebase, Stripe Payments, Unix/Linux Environments

## Experience

### **Art Flaneur | Full Stack Developer (Freelance) | Melbourne, VIC** Nov 2025 – Present

- Architecting and maintaining a client-facing ticketing system integrated with secure backend services.
- Engineered a schema-aware solution to resolve critical GraphQL build and test failures, enabling reliable local development and eliminating cloud dependency blockers.
- Decoupled AWS AppSync production schemas from local Apollo Server environments, improving development velocity and distributed workflow stability.
- Implemented targeted automated testing with 100% test pass rate to validate schema changes and prevent regressions.
- Took operational responsibility for backend service reliability, build stability, and deployment workflows.

### **Business Local | Full Stack Developer | Melbourne, VIC** Jul 2025 – Nov 2025

- Integrated Android application with Laravel backend using REST APIs and WebSockets (Pusher) for real-time SMS triggering.
- Collaborated across frontend and backend teams to ensure reliable distributed communication.
- Contributed to SQL-backed web application development and production issue resolution.

### **Kois.ai | Senior React Native Developer | Melbourne, VIC** Jun 2024 – Dec 2024

- Designed and developed scalable cross-platform applications using TypeScript and React Native.
- Implemented reusable modules and clean architectural patterns to improve maintainability and consistency.
- Integrated AWS services including authentication, storage, and serverless functions within distributed environments.
- Led code reviews and enforced engineering best practices including automated testing and structured CI/CD workflows.

### **QBurst Technologies | Lead Software Developer – iOS | Kochi** Aug 2022 – Jan 2024

- Led iOS module development and performance optimisation initiatives.
- Collaborated with backend and UI teams to deliver scalable enterprise-grade applications.
- Enforced high code quality standards and mentored engineers in sound engineering practices.

### **PinMicro | Senior Software Developer – Mobile | Kochi** Jun 2021 – Jul 2022

- Enhanced BLE communication stack and expanded support for UWB-enabled devices in distributed IoT systems.
- Built custom native modules and integrated them with cross-platform layers.
- Implemented offline-first architecture ensuring full data reliability in remote environments.
- Managed App Store releases with a 95% first-time approval rate.

**Logical Steps Interactive Solutions | Mobile Application Developer | Kochi Dec 2015 – Jun 2021**

- Developed and maintained multiple iOS applications with secure backend integrations.
- Implemented push notifications, video calling features, and Web Services integrations.
- Managed App Store deployments and release lifecycle processes.

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**Education**

Bachelor of Electronics and Communication Engineering Mahatma Gandhi University (2010 – 2014)

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