

Ben Baiju

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Software Engineer specialising in interactive web applications, React, TypeScript, AI-powered products, and scalable frontend systems. Experienced in building state-driven user interfaces, accessible web applications, cross-platform software, and modern cloud-native solutions.

Technical Skills

Frontend: React, Next.js, React Native, TypeScript, JavaScript, HTML5, CSS3

Backend: Java, Spring Boot, Node.js, Python, Flask, REST APIs

Interactive Development: State Management, Component-Based Architecture, Responsive UI Design, REST Integration, Asynchronous Programming, Frontend Performance Optimisation

ML / AI: Scikit-learn, Pandas, NumPy, Supervised Learning, Ensemble Methods, OpenAI API, Claude API, Gemini API

Cloud / DevOps: AWS (Lambda, EC2, RDS, Cognito, SES, SNS, S3, CodeDeploy), Docker, Jenkins, GitHub Actions, SonarCloud, Trivy

Databases / Tools: SQL Server, MongoDB, Firebase, Supabase, Kafka, ActiveMQ, Prometheus, Grafana, Loki, Git

Professional Experience

Deakin University

Melbourne, Australia

Research Assistant – Web Accessibility

June 2026 – Present

- Conduct research into accessible web applications, human-computer interaction, and inclusive frontend design for modern web platforms.
- Prototype and evaluate React-based user interfaces, analysing accessibility, usability, and interaction patterns using WCAG accessibility guidelines.
- Collaborate with academic researchers to investigate accessible interaction techniques and improve user experiences for diverse user groups.

Vloome

Remote

Software Engineer

Feb 2026 – June 2026

- Led development of a full-stack marketplace platform, making key technical decisions across React frontend architecture, backend APIs, authentication, and cloud infrastructure.
- Developed responsive frontend interfaces integrated with AWS Lambda, Cognito, Amplify, RDS, Secrets Manager, SES, and SNS to deliver seamless user experiences.

People10 Technologies Inc.

Bengaluru, India

Software Engineer

Oct 2023 – Jan 2026

- Developed enterprise web applications using Java, Spring Boot, JavaScript, and React while integrating RESTful APIs and asynchronous messaging with Kafka and ActiveMQ.
- Migrated legacy JBoss applications into Spring Boot microservices, improving maintainability and enabling responsive frontend-backend integrations.
- Implemented automated testing using Gherkin and Cucumber.js while improving reliability through fault-tolerant backend architecture and distributed system debugging.

Projects

Quik8n :- Multi-LLM Workflow Automation Platform

React, Next.js, OpenAI, Claude, Gemini

Founder, Full-Stack Engineer | [quik8n.com](#)

- Built an interactive React/Next.js platform that converts natural language into production-ready n8n workflows using OpenAI, Claude, and Gemini, growing to 200+ users across 30+ countries.
- Designed complex frontend state management supporting asynchronous AI interactions, workflow editing, provider switching, and responsive user experiences.

VaultFit :- Cross-Platform Fitness Marketplace

Node.js, React, React Native, AWS, Docker

Full-Stack Engineer | [GitHub](#)

- Developed responsive React web and React Native mobile applications supporting four user roles with authentication, booking workflows, and real-time messaging.
- Designed reusable frontend components, interactive dashboards, and state-driven interfaces while integrating REST APIs, JWT authentication, and Supabase services deployed on AWS.

Cloud-Based Inventory Management System

React, Spring Boot, AWS

Full-Stack Engineer

- Developed a cloud-based inventory management system for a Qatar-based client using React, Spring Boot, and AWS, delivering responsive user interfaces for inventory tracking, order management, and stock monitoring.
- Built reusable React components, integrated secure RESTful APIs with the Spring Boot backend, and deployed the application on AWS using EC2, RDS, S3, and IAM to deliver a scalable and reliable enterprise solution.

Education

Deakin University

Melbourne, Australia

Master of Information Technology (Professional) – High Distinction WAM: 93.25

Feb 2026 – Present

Rajagiri School of Engineering and Technology

Kochi, India

Bachelor of Technology in Computer Science and Engineering (CGPA: 8.99)

Jul 2019 – Jun 2023

Certifications

Google Associate Cloud Engineer (Credential ID: 6d7a7f38fecb) | **AWS AI Practitioner** (Credential ID: 3dcc02330964)