Prabhath Madhushan Weerakoon

Full Stack Developer

prabathmadushan5@gmail.com • +94 77 861 3600 • Kurunegala, Sri Lanka

linkedin.com/in/prabhath-madhushan-0559b397 • github.com/PrabathMadushan • prabhathmadhushan.cv

---

PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 5+ years of experience designing, developing, and deploying scalable web and mobile applications. Expert in React, Next.js, Node.js, and Java Spring Boot with a proven track record of delivering end-to-end solutions independently. Strong problem-solving abilities with a passion for clean code, modern architectures, and emerging technologies including AI integration and distributed systems.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, Redux, Tailwind CSS, HTML5/CSS3

Backend: Node.js, Java, Spring Boot, NestJS, REST APIs, GraphQL

Mobile & Desktop: Flutter, Android, Tauri, Rust

Database: PostgreSQL, MongoDB, Firebase, MySQL

DevOps & Tools: Git, Docker, Vercel, GitHub Actions, CI/CD

PROFESSIONAL EXPERIENCE

Freelance Software Engineer   Oct 2024 – Present

3iTeam International | Remote

- Delivered full-stack solutions across diverse domains, managing complete project lifecycles independently
- Architected scalable RESTful APIs and microservices, reducing response times by 40%
- Leveraged AI-assisted development tools to achieve 2x faster delivery while maintaining code quality
- Built robust backend systems handling complex business logic for multiple concurrent client projects

Senior Software Engineer   Feb 2021 – Sep 2024

Syntax Genie | Colombo, Sri Lanka

- Led technical architecture for 10+ enterprise projects, establishing company-wide best practices
- Resolved critical technical challenges, recognized as go-to engineer for complex problem-solving
- Introduced modern design patterns and technologies, improving codebase maintainability by 60%
- Mentored junior developers and conducted architecture reviews for cross-functional teams

Software Engineer   Jan 2020 – Jan 2021

Syntax Genie | Sri Lanka

- Developed and maintained enterprise software solutions using Java, React, and Redux
- Implemented APIs and optimized workflows, reducing processing time by 30%
- Contributed to CI/CD pipeline improvements and code review processes

EDUCATION

Professional Higher Diploma in Software Engineering (SCQF Level 9)   2021

Java Institute for Advanced Technology

Certified by Scottish Qualifications Authority (SQA) – Equivalent to Bachelor's Degree Level

Professional Higher Diploma in Software Engineering (SCQF Level 8)   2021

Java Institute for Advanced Technology

Certified by SQA – Equivalent to Higher National Diploma (HND) Level

KEY PROJECTS

- Event Ticketing Platform: Full-stack system with React, Flutter, and RESTful APIs handling 10K+ concurrent users with QR code validation, real-time check-in tracking, and queue management for high-traffic ticket sales
- Industrial IoT Platform: Spring Boot backend with MQTT protocol for real-time sensor tracking (processing 500+ events/second), WebSocket integration, ML-based predictive analytics, and Azure Functions for edge computing
- E-Learning LMS: JHipster-based platform with Stripe payment integration, video streaming delivery, supporting 5K+ students with course management, automated assessments, and comprehensive analytics dashboard

LANGUAGES

English (Professional) • Sinhala (Native)