Eric Praveen Alric Prashanth

Software Engineering Intern

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LinkedIn GitHub

Professional Summary

Third-year Information Technology undergraduate at the University of Moratuwa with hands-on experience building scalable full-stack web applications using React.js, Spring Boot, TypeScript, and REST APIs. Experienced with PostgreSQL, Supabase, Firebase, Git-based workflows, Linux environments, Docker, CI/CD pipelines, Postman, and cloud deployment using Vercel. Passionate about software engineering, backend development, DevOps practices, and building production-ready applications in collaborative teams.

Education

BSc (Hons.) in Information Technology, University of Moratuwa 2023 – Present
GPA: 3.7/4.0

GCE Advanced Level (Physical Science), St. Patrick's College, Jaffna 2022/2023
ICT A | Physics B | Com.Maths B

Technical Skills

- **Programming Languages:** Java, JavaScript, TypeScript, Python, PHP, C, C++
- **Frontend Development:** React.js, React Native, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend Development:** Spring Boot, Node.js, Express.js, REST APIs, JWT Authentication
- **Databases & Backend Services:** PostgreSQL, MySQL, MongoDB, SQLite, Supabase, Firebase
- **DevOps & Cloud:** Git, GitHub, Docker, CI/CD Pipelines, Linux, Vercel
- **Tools & Platforms:** Postman, VS Code, IntelliJ IDEA, Figma, Expo, Arduino
- **Other Technologies:** Object-Oriented Programming (OOP), Embedded Systems, IoT, OpenGL, WebAssembly
- **Soft Skills:** Problem Solving, Analytical Thinking, Team Collaboration, Fast Learner

Projects

Travel Hub — Sri Lanka Tourist Package Search Platform – Team Project GitHub

- Full-stack tourism booking web application enabling users to search, browse, and book Sri Lanka tour packages.
- **Contribution:** Developed the Tourist Dashboard module, including package listing, search/filter functionality, booking flow, review and rating system, recommendation system design, Figma UI/UX, UML diagrams, and responsive UI components.
- Integrated Spring Boot REST APIs with a React.js frontend and PostgreSQL database.
- **Tech:** React.js, Spring Boot, Tailwind CSS, PostgreSQL, Supabase, REST APIs.
- **Live Demo:** travelhublanka.netlify.app
- **Figma Design:** View UI/UX Design

Chicken Invaders — 2D Arcade Space Shooter Game – Team Project GitHub

- Developed a retro arcade shooting game featuring enemy waves, boss battles, scoring system, collision detection, and particle effects.
- Implemented graphics algorithms including Bresenham Line, Midpoint Circle, Scan-Line Polygon Fill, Cohen-Sutherland Clipping, and Matrix Transformations.
- Compiled C++ OpenGL game into WebAssembly for browser gameplay.
- **Tech:** C++, OpenGL, GLUT, WebAssembly (Emscripten), HTML5 Canvas.
- **Live Demo:** chicken-shooting.vercel.app

CricketScore — Offline Cricket Scoring & Analytics Mobile App – Individual Project GitHub

- Offline-first cricket scoring application supporting match setup, interactive toss, and real-time ball-by-ball analytics.
- Built the scoring engine, strike rotation logic, extras, free-hit handling, undo delivery mechanism, milestone celebrations, and live scorecards.
- Designed local SQLite database schema for matches, innings, players, and deliveries.
- **Tech:** React Native, TypeScript, Expo, SQLite, Expo Router, Reanimated.

IdeaPad — Full-Stack Blog Platform – Individual Project GitHub

- Blog platform with JWT authentication, role-based access, CRUD operations, genre filtering, likes, bookmarks, drafts, and admin moderation.
- Developed frontend, backend APIs, authentication flow, PostgreSQL schema, and Cloudinary media upload integration.
- **Tech:** React.js, Spring Boot, PostgreSQL, JWT, REST APIs, Cloudinary.

Courses and Certifications

SOC Program Foundations Training (Aug 2025)	Microsoft
AWS Technical Essentials (Sep 2026)	AWS
Developing Front-End Apps with React (Jul 2025)	Coursera
Web Development for Beginners and Python (Mar 2023)	University of Moratuwa
Introduction to Java, C, JavaScript, Python, AI, LLM, and ML (Apr 2024)	SoloLearn

Leadership & Volunteering

- Batch Representative – Third Year, Faculty of Information Technology.
- Tamil Literary Association – Batch Coordinator.
- Rotaract Club – Career Fair Coordinator.

Languages

Tamil – Native / Bilingual

English – Full Professional Proficiency

Sinhala – Limited Working Proficiency

References

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