PRAMOD JAYATHILAKA

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SOFTWARE ENGINEER

PROFILE SUMMARY

Software Engineering undergraduate with hands-on experience in backend development, cloud computing, and database management. Proficient in NestJS, Spring Boot, PostgreSQL, and Azure DevOps. Experienced in leading development workflows and collaborating in Agile teams to deliver high-quality software solutions.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Java, C, Python, C#
- **Web & Backend Development:** NestJS, Spring Boot, Node.js, React.js, React Native, PHP
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Version Control & Collaboration:** Git, GitHub, Azure DevOps
- **Software Development Methodologies:** Agile, Scrum
- **UI/UX & Prototyping:** Figma, Adobe Photoshop, Illustrator

WORK EXPERIENCE

Backend Development Intern | Tech Venturas Global Pvt Ltd   Mar 2024 - Sep 2024
- Engineered backend services for Rockland Project, an e-commerce platform for online ordering and delivery.
- Structured and managed PostgreSQL databases, enhancing data retrieval efficiency by 30%.

Freelance Graphic Designer | Self-Employed   Jan 2019 - Dec 2022
- Created 100+ branding assets (logos, social media graphics, promotional materials) for 15+ clients, increasing brand visibility.
- Optimized UI wireframes for 5+ web and mobile applications, reducing design iterations by 30%.

EDUCATION

BSc. (Hons) in Information Technology and Management   Jul 2021 - Jul 2025 (Expected)
University of Moratuwa
CGPA: 3.28

Diploma in Software Engineering (DISE)   Sep 2019
ESOFT Metro Campus (Pearson Assured)

Diploma in Web Engineering (DIWE)   Sep 2019
ESOFT Metro Campus (Pearson Assured)

G.C.E. Advanced Level - Commerce Stream   Aug 2019
Maliyadeva College, Kurunegala
3 A's | Z-Score: 2.1129 | District Rank: 15 | Island Rank: 192

PROJECTS

Rockland Project – Backend Development
Technologies: NestJS, Spring Boot, PostgreSQL, Swagger
- Implemented scalable APIs and streamlined database queries, improving system performance and handling 20% more concurrent users.
- Created API endpoints and documented them using Swagger.
- Designed database entities to support new features.

Insee Nawa Niwasa Project – Frontend Development
Technologies: React.js
- Resolved 10+ critical UI bugs, improving user experience and reducing support tickets by 20%.
- Enhanced new features, aligning UI changes with project requirements, leading to 15% faster navigation.

Parking Management System
Technologies: React Native, Node.js, MySQL
- Built a web and mobile application to manage vehicle parking spaces. Handled mobile app development excluding payment integration.

Gulf Transport – Backend Development
Technologies: NestJS, Google Maps API, PostgreSQL
- Developed ride-sharing and real-time tracking features, improving delivery efficiency by 20%.
- Integrated payment and refund systems, reducing transaction failures by 10%.

SHOPNEST – Enterprise Application Development
Technologies: Node.js, MongoDB, MySQL, PostgreSQL
- Implemented microservices-based architecture for order, inventory, and user management.

ADMS Microservices
Technologies: Spring Boot, MySQL
- Developed a scalable supermarket management system featuring secure authentication, user registration, and comprehensive inventory tracking to streamline operations, serving 30 internal users in the pilot program.

CERTIFICATIONS

- AWS Serverless APIs and Apps (On going) - Udemy

SOFT SKILLS

- Workflow Management
- Leadership & Teamwork
- Agile Collaboration
- Project Coordination
- Communication
- System Optimization & Debugging

LANGUAGES

- English (Full Professional Proficiency)
- Sinhala (Native)

EXTRACURRICULAR ACTIVITIES

- Member of the Board of Prefects (2015 - 2016)
- President of the Accounting Society
- Chief Editor of the Commerce Society

REFERENCES

Mr. Prasad Rathnayake | Lead Software Engineer | Brand Finance, London, UK | p.srimal@brandfinance.com

Mr. Yasas Sri Wickramasinghe | Lecturer (Doctoral PhD. Student In Augmented Reality) | Department of Information Technology | Faculty of Information Technology | University of Moratuwa | yasasw@uom.lk