ISURU BANDARA

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SUMMARY

Results-driven Software Engineer with hands-on industry experience in full-stack web and mobile application development. Strong expertise in Laravel, React, Next.js, Node.js, TypeScript, Java, and database-driven systems. Proven ability to design scalable applications, lead small development teams, deploy systems to production, and collaborate directly with clients. Passionate about building high-quality, maintainable software using modern engineering best practices.

TECHNICAL SKILLS

Languages: PHP, JavaScript, TypeScript, Java, Python
Frontend: React, Next.js, Angular, HTML, CSS, Tailwind CSS, Shadcn UI, Bootstrap
Backend: Laravel, Node.js, Express.js, Spring Boot
Databases: MySQL, MongoDB, Prisma ORM
Tools & Platforms: Git, GitHub, Postman, Firebase, AWS
Concepts: REST APIs, MVC, OOP, Authentication, CRUD Operations
IDEs & Tools: VS Code, NetBeans, Arduino IDE, XAMPP

PROFESSIONAL EXPERIENCE

Intern Software Engineer , Cybernetic Technologies (Pvt) Ltd
Jun 2025 – Present

- Developed and maintained full-stack web applications using React.js, Next.js, Node.js, TypeScript, Laravel, and MySQL.
- Designed and implemented a Human Resource Management System (HRM) covering employee records, attendance, payroll, and allowances.
- Led the development of an Android mobile application, mentoring two interns and managing task distribution.
- Deployed applications to live production servers, handling environment setup, configuration, and performance optimization.
- Collaborated directly with clients to gather requirements, deliver demos, and implement feedback.
- Ensured code quality, version control, and timely delivery across multiple projects.

Junior Software Developer (Intern), SIBA Dynamics – SIBA Campus
Apr 2024 – Oct 2024

- Contributed to client-based web applications using PHP, JavaScript, HTML, CSS, and MySQL.
- Led a small development team, coordinating tasks and ensuring on-time delivery.
- Performed debugging, testing, and optimization to maintain high-quality code.
- Participated in code reviews and technical discussions to improve system performance and maintainability.

Peer Tutor (Intern) , SIBA Campus – Pallekale
Oct 2024 – Apr 2025
- Assisted students by simplifying complex programming and database concepts.
- Conducted practical sessions in Java, PHP, MySQL, and Computer Hardware.
- Managed computer lab systems and provided technical support.
- Strengthened communication, leadership, and mentoring skills.

EDUCATION

Bachelor of Science in Information Technology
Jul 2022 – Jun 2025
Sri Lanka International Buddhist Academy
- GPA: 3.76 │ First Class

PROJECTS

Human Resource Management System (HRM) – Cybernetic Technologies
React.js, Laravel, MySQL, Tailwind CSS

- Implemented shift management, payroll calculations, resignations, and allowances.
- Integrated frontend and backend services for automated HR operations.

UpRide Ride-Sharing Platform – Cybernetic Technologies
React Native, Next.js, Firebase

- Developed Passenger and Driver mobile apps and an Admin dashboard.
- Implemented real-time ride booking, tracking, fare estimation, and secure payments.
- Integrated Google Maps, Stripe, Twilio, and SOS safety features.

Library Management System with AI + Mobile App
Laravel, MySQL, React Native, Tailwind CSS

- Built a campus LMS with AI-powered enhancements for automation and efficiency.
- Built a mobile app to access the system through mobile phone.

Smart Spectacles for the Blind
Python, YoLo, Raspberry Pi

- Designed an obstacle detection system with real-time audio alerts for visually impaired users.

Sri Lankan Vehicle Detection System
Python, OpenCV, Machine Learning

- Built a real-time vehicle detection and classification system optimized for local road conditions.

REFEREES

Mr. Gayan Herath
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