

# ISURU BANDARA

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Battaramulla, Colombo

LINKEDIN

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## SUMMARY

Motivated and detail-oriented Software Engineer with a strong foundation in PHP, Laravel, MySQL, MongoDB, PrismaDB, React, TypeScript, Angular, Node.js, Express.js, and Next.js. Acquired hands-on industry experience as an Associate Software Engineer at Cybernetic Technologies (Pvt) Ltd, where I contributed to backend development and guided a team in building an Android application. Passionate about exploring new technologies, adapting to diverse IT environments, and creating efficient, scalable, and innovative software solutions.

## TECHNICAL SKILL

- Programming Languages: Java, JavaScript, TypeScript, PHP, Python
- Frontend Development: HTML, CSS, Bootstrap, Tailwind CSS, React.js, Angular, Next.js
- Backend Development & Frameworks: Node.js, Express.js, Laravel , Springboot
- Database Management: MySQL, MongoDB, PrismaDB
- Cloud Services: Firebase, AWS , Azure
- Version Control & Collaboration Tools: , GitHub, Postman
- Operating Systems & Networking Tools: Linux, Oracle VirtualBox, Cisco Packet Tracer
- IDEs & Tools: VS Code, NetBeans, Arduino IDE, XAMPP
- Core Concepts: Object-Oriented Programming (OOP), MVC Architecture, API Integration

## WORK EXPERIENCE

### Intern Software Engineer **Cybernetic Technologies (Pvt) Ltd**

Jun 2025 – Present

- Contributed as an Intern Software Engineer on multiple projects, handling both frontend and backend development.
- Developed web applications using React.js, Next.js, Node.js, and TypeScript, with MySQL and Prisma databases.
- Designed and developed a fully functional Human Resource Management (HRM) system, covering employee management, attendance, and payroll modules.
- Led the development of an Android application, guiding and mentoring two interns throughout the project lifecycle.
- Created portfolio websites for clients, focusing on responsive and interactive frontend design using React.js.
- Managed server-side deployment, configuring environments and pushing web applications to live production servers to ensure stability and performance.
- Communicated directly with clients to gather requirements, present demos, and provide progress updates.
- Ensured high-quality code, smooth deployment, and adherence to project deadlines.

### Peer Tutor - Intern **SIBA CAMPUS – Pallekale**

Oct 2024- Apr 2025

- Supported students' academic growth by simplifying complex concepts and guiding them through assignments and practical sessions.
- Managed computer lab operations, ensuring smooth functionality of systems and software.
- Provided technical assistance with tools such as Microsoft Office and graphic design applications.
- Collaborated with lecturers to deliver effective teaching sessions and improve student learning outcomes.
- Enhanced communication, leadership, and mentoring skills through regular student interactions.
- Specialized in Java, PHP, MySQL, and Computer Hardware.

- Intern at SIBA Dynamics, a sub-department of SIBA Campus, contributing to multiple client-based software projects.
  - Led a development team, managing tasks and ensuring timely project delivery.
  - Developed and maintained web applications using PHP, JavaScript, HTML, and CSS.
  - Participated in code reviews and team meetings to improve collaboration and maintain coding standards.
  - Ensured high code quality through debugging, testing, and optimization.
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## EDUCATION

Jul 2022- Jun 2025

### **Bachelor of Science in Information Technology**

Sri Lanka International Buddhist Academy

GPA: 3.76 | First Class | Graduate

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## PROJECTS

### **Library Management System with AI**

Developed a LMS for the campus as a university project using Laravel. Made some innovations using AI features.

Technologies : Laravel, MySQL, Tailwind CSS, JavaScript

### **ShoppingCart Library For Laravel**

ShoppingCart is a simple and lightweight package for managing a shopping cart in Laravel applications using sessions. This package is ideal for e-commerce platforms or any project requiring shopping cart functionality.

Technologies :Laravel, Illuminate, PHP

### **Supplier Management System**

Developed a SMS for a client as a university project using JAVA WEB PAGES (JSP) and JAVA SERVELETES.

Technologies : JAVA, MySQL, HTML, CSS, JavaScript

### **Online Ticket Booking System**

Developed this as a university project using JAVA WEB PAGES (JSP) and JAVA SERVELETES. Using MYSQL Database as a DB Driven system.

Technologies : JAVA, MySQL, HTML, CSS, JavaScript

### **Smart Spectacles for the Blind**

Created a wearable device using Raspberry Pi to detect obstacles and provide audio alerts, improving mobility and safety for visually impaired users.

Technologies : Raspberry Pi, Python

### **Sri Lankan Vehicle Detection System**

Developed a real-time vehicle detection system for Sri Lankan road conditions using camera input. Applied computer vision and machine learning algorithms to accurately detect, classify, and track vehicles.

Technologies : Python, OpenCV, NumPy, Machine Learning

### **HR Management System - Cybernetic Technologies Pvt Ltd**

Contributed to core HR features including shift management, no-pay calculations, resignations, and allowances. Designed the frontend in React while integrating backend services in Laravel with MySQL for accurate HR record keeping and automation.

Technologies : ReactJS, Laravel, MySQL, Tailwind CSS, JavaScript

### **UpRide Mobile App - Cybernetic Technologies Pvt Ltd**

Developed a comprehensive ride-sharing system consisting of Passenger and Driver mobile apps and an Admin web panel. Implemented core features such as real-time ride booking, tracking, fare estimation, and secure payment integration. The system supports driver verification, SOS safety alerts, and multi-language support. Integrated third-party services like Google Maps, Stripe, Twilio, and AWS to ensure scalability, reliability, and high performance.

Technologies : ReactNative, NextJS, Firebase, Tailwind CSS

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### **REFEREES**

Mr. Gayan Herath Senior Lecturer,ITDepartment  
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