MANOJA SOMARATHNA

LinkedIn — GitHub

Full Stack Developer Intern

Email: manojsomarathna@gmail.com / Baththramulla, Colombo, 10120, Sri Lanka / Phone: +94 742770633

SUMMARY

Motivated and detail-oriented Full Stack Developer Intern with hands-on experience in building responsive,web applications. Skilled in HTML, CSS, JavaScript, React.js, Java, Spring Boot, Node.js, Express.js, MySQL, and MongoDB. Strong understanding of software engineering principles, RESTful API development, and cloud deployment using AWS and Google Cloud. Experienced in creating user-friendly interfaces, integrating APIs, and improving system performance. Passionate about problem-solving, learning new technologies, and contributing to real-world full stack development projects.

EDUCATION

BSc (Hons) in Computing (Software Engineering)   March 2023 - March 2027
National Institute of Business Management (NIBM), Colombo 07

Higher National Diploma in Software Engineering   March 2024 - April 2025
National Institute of Business Management

Diploma in Software Engineering   March 2023 - March 2024
National Institute of Business Management

Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Database Management Systems, Software Engineering, Web Development, Computer Networks, Operating Systems, Information Systems Analysis and Design, Software Project Management

TECHNICAL SKILLS

Frontend:	HTML, CSS, JavaScript, TypeScript, Angular, React.js, Bootstrap, Tailwind CSS
Backend:	Node.js, Java (Spring Boot)
Databases:	MySQL, MongoDB, Firebase
API Development:	REST API
Version Control:	Git, GitHub
Tools:	Postman, IntelliJ IDEA, VS Code
Cloud Deployment:	AWS (EC2), Google Cloud

SKILLS AND INTERESTS

Interests	Reading, Traveling, Coding, Learning New Programming Languages
Soft Skills	Problem-Solving, Time Management, Communication Skills, Adaptability, Continuous Learning

PROJECTS

PlanMyTrip – AI Travel Planning App

- Developed Android app with AI-driven budget management and personalized travel recommendations using Kotlin/Java and Firebase
- Integrated Google Places API and Gemini API for real-time destination and cost data
- Improved app performance, reducing load times by 25% through optimized React components
- Future features: collaborative planning and booking integration

Clinic Management System

· Built Android app to manage clinic operations, appointments, and patient records using Java/Kotlin and Firebase
· Implemented patient registration, appointment management, and reporting features
· Reduced scheduling errors by 30% through automated reminders

ERP System

· Developed complete ERP solution for customer and item management using PHP, MySQL, Bootstrap, HTML, CSS, JS
· Implemented invoice generation, reporting, and responsive UI
· Improved data retrieval efficiency by 20% through optimized SQL queries

WorkNest – Service Booking Android App

· Developed service booking app connecting users with local providers using Java, Firebase, and Android Studio
· Implemented user authentication, live location integration, and booking management
· Increased booking efficiency by 35% with streamlined workflows
· Integrated WhatsApp support for seamless customer communication

CERTIFICATES

Oracle Cloud Infrastructure 2025 - AI Foundations Associate (Oracle University)	October 2025
Basics and Structure of Java Programming (Alison)	October 2025
Database Foundations - Final Exam (Oracle Academy)	August 2024

EXTRA-CURRICULAR

- Member – NIBM IT Club
- Volunteer – NIBM Events and Workshops
- Participant – NIBM Hackathons / CodeFests

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.