

DISHAN BASHITHA

Software Engineer Intern

dishanbashitha290@gmail.com +94 76 086 8809

Kurunegala, Sri Lanka linkedin.com/in/dishanbashitha

github.com/Dishan-dev dishan-bashitha.vercel.app

Professional Summary

Software Engineering undergraduate at the University of Moratuwa with professional experience developing full-stack applications using Java, Spring Boot, React, Next.js, Node.js, and PostgreSQL. Experienced in REST API development, relational databases, authentication, real-time systems, and cloud deployment, with hands-on experience building maintainable applications in collaborative Agile development environments.

Professional Experience

Software Engineer 2025 – 2026
NIOLLA (PVT) LTD

- Developed and maintained scalable enterprise web applications using Spring Boot and React.
- Designed and implemented RESTful APIs and backend services using Spring Boot and Node.js.
- Built responsive frontend interfaces using React, Next.js, and Tailwind CSS.
- Designed and optimized PostgreSQL and MySQL databases for performance and reliability.
- Integrated third-party services and collaborated in Agile development workflows using Git and GitHub.

Education

BSc (Hons) Information Technology & Management 2024 – 2028
University of Moratuwa Katubedda,
Ongoing GPA: 3.54 / 4.00 Sri Lanka

Bachelor of Engineering (Hons) in Software Engineering 2022 – 2025
London Metropolitan University Sri Lanka
First Class Honours

Higher National Diploma in Software Engineering Kurunegala,
ESOFT Metro Campus Sri Lanka

Technical Skills

Languages — Java, C#, JavaScript, TypeScript, PHP, Python, SQL
Backend & Frameworks — Spring Boot, Node.js, Express.js, Laravel, .NET Framework, REST APIs
Frontend — React, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Vite, Windows Forms
Databases & Data Access — PostgreSQL, MySQL, SQL Server, Prisma ORM, ADO.NET
Cloud & DevOps — Docker, Git, GitHub, DigitalOcean, Render, Vercel
AI & Real-Time — LangChain, Codex API, Socket.IO
Development Tools — Postman, Swagger/OpenAPI
Additional Tools — Figma, Adobe Photoshop, Illustrator, After Effects, Premiere Pro

Projects

LearniX | AI-Powered Learning Platform

- Engineered a full-stack educational platform with **role-based Lecturer and Student workflows**, classroom management, gamified assessments, and learning analytics.
- Built an **AI-assisted assessment generation pipeline** integrating the **Codex API, LangChain, and document processing** to transform learning materials into structured quizzes and assessments.
- Implemented **Socket.IO-based real-time multiplayer quizzes** with synchronized lobbies, host controls, live question delivery, dynamic leaderboards, and score tracking.
- *Tech Stack* - NextJS, *TypeScript*, *Node.js*, *PostgreSQL*, *Prisma*, *Socket.IO*, *Codex API*, *LangChain*

PrimeCore Bank - Digital Banking Platform | Group Project
Industry-Mentored Project — Zone 24x7

- Collaborated in a team to develop a role-based digital banking platform under **industry mentorship from Zone24x7**, with primary responsibility for the **Bank Officer module**.
- Designed and implemented Bank Officer workflows, integrating the **React frontend with Spring Boot REST APIs and PostgreSQL**.
- Contributed to module integration and overall system development alongside team members responsible for other banking roles.
- *Tech Stack* - *NextJS*, *Spring Boot*, *PostgreSQL*

Emerald Stay | Hotel Management System

- Developed a role-based hotel management system supporting **Customers, Clerks, Managers, and Travel Companies**, with reservations, bookings, payments, and PDF receipts.
- Built secure **REST APIs with JWT authentication**, using Prisma and PostgreSQL for data management.
- *Tech Stack* - *Next.js*, *TypeScript*, *Express.js*, *Prisma*, *PostgreSQL*, *Tailwind CSS*

One World Academy Management System | Desktop-Based Academy Management System

- Developed a **C# Windows Forms** application for managing students, lecturers, and courses through a centralized admin system.
- Implemented **CRUD, search, and filtering** functionality using SQL Server and ADO.NET.
- *Tech Stack* - *C#*, *.NET Framework*, *Windows Forms*, *SQL Server*, *ADO.NET*, *Krypton Toolkit*

Event Planning Platform
2nd Runner-Up, ESOFT Software Competition

- Collaborated in a team to build an event planning platform with **authentication, event creation, and participant management**.
- Contributed to frontend and API integration using **React, Ballerina, and REST APIs**.
- *Tech Stack* - *React*, *Ballerina*, *REST APIs*

Leadership & Activities

AIESEC in University of Moratuwa
Local Committee Vice President — Public Relations & Information Management

AIESEC in Colombo South
Event Manager — IDEALIZE 2026

IEEE Student Branch, University of Moratuwa
Organizing Committee Member — Robotics Day

AIESEC in Sri Lanka 2025
Software Engineer