Bavindu Shan

Intern Software Engineer | Aspiring DevOps Engineer | AI & Cloud Enthusiast

Minuwangoda, Sri Lanka | bavindushan65@gmail.com | +94 76 774 3923 | Portfolio | GitHub | LinkedIn

SUMMARY

Motivated Software Engineering undergraduate with hands-on experience in full-stack development, REST API engineering, and system design. Skilled in OOP, Java, JavaScript, SQL/NoSQL databases, Git, and Agile workflows, with strong exposure to backend engineering (Node.js, Spring Boot, .NET) and frontend development (Vue.js, Angular). Adept at debugging, unit testing, and writing clean, maintainable code. Passionate about solving real-world problems and contributing to high-performance applications in collaborative teams.

EXPERIENCE

Intern Software Engineer

Gampaha Wickramarachchi University of Indigenous Medicine, Yakkala, Sri Lanka   **July 2025 – Present**

Developing a full-stack recruitment system using **Express.js** and **Vue.js**, implementing secure role-based APIs, dashboards, document uploads, and workflow tracking. Deploying on **Linux servers** with **Docker** and **Nginx** and managing **CI/CD pipelines** via **GitHub Actions**. Strengthened skills in full-stack development, deployment automation, and collaborative software engineering.

Former Intern Back-end Engineer

ZephyraTech (Startup), Remote   **April 2025 – June 2025**

Built RESTful APIs for multiple web applications using **Node.js, Express.js, Prisma, MySQL, JWT**, and **TypeORM**. Worked on authentication, real-time tracking, order management, API integration, and system scalability. Enhanced backend engineering, API design, and full-stack problem-solving skills in a remote **Agile** environment.

PROJECTS

GWUM Recruitment System | Express.js, Vue.js   **Present**
Full-stack developer & DevOps Engineer – Wickramarachchi University

- Deploying a full-stack recruitment system on on-premises Linux servers with Docker, Nginx, and GitHub Actions CI/CD.
- Automating builds, deployments, and server environment setups to improve delivery speed.
- Managing server configurations, monitoring system performance, and troubleshooting deployments.
- Developing RESTful APIs with Express.js and Vue.js for secure role-based access.

Hotel Management Website | Express.js, Spring Boot, MySQL   **July 2025**
Full-Stack Developer & Team Lead

- Built a microservices-based hotel booking system with secure transactions.
- Automated reservation cancellations and billing workflows.
- Designed for scalability and efficient hotel operations.

Star Events Ticketing System | MySQL, ASP.NET Core   **Sep 2025**
Software Engineer

- Developed a ticketing platform using ASP.NET Core MVC with Razor Views
- Enabled secure online payments, real-time sales tracking, and comprehensive admin reporting
- Implemented ASP.NET Identity for secure role-based authentication

Quick Eats Food Delivery System | Express.js   **June 2025**
Back-end Engineer & Data Base Manager - ZephyraTech

- Developed RESTful APIs using Node.js (Express.js), Prisma, MySQL, and JWT
- Enabled user authentication, order management, real-time tracking, menu handling, rider coordination, and feedback systems
- Structured the system for high scalability, performance, and secure operations across web and mobile platforms

EDUCATION

BEng (Hons) in Software Engineering (TOP-UP)
London Metropolitan University, UK   **Jan 2025 – Jan 2026**

Dip. in ICET Certified Developer | GPA: 3.85
Institute of Computer Engineering Technology (ICET), Panadura   **Sep 2024 – Sep 2025**

BTEC HND in Computing (Software Engineering) | Grade: Distinction
ESOFT Metro Campus, Gampaha   **Oct 2022 – Sep 2024**

SKILLS

Technical Skills

- **Languages & Frameworks:** Java | JavaScript | C# | Python | Node.js | Express.js | Spring Boot | ASP.NET Core | Vue.js | Angular
- **Databases:** MySQL | SQL Server | Firebase | MongoDB (Learning)
- **DevOps & Tools:** Git | GitHub | Docker | Nginx | GitHub Actions | Postman | Jaspersoft Studio
- **Concepts:** OOP | REST APIs | Agile/Scrum | CI/CD | Debugging | Clean Code
- **Other:** Networking (LAN/WLAN, VLANs) | Cloud (Azure, AWS fundamentals)
- **Operating Systems:** Ubuntu | CentOS | Windows | Kali Linux

Soft Skills

- People Leadership
- Problem Solving
- Team Collaboration
- Communication Skills

CERTIFICATIONS & ACHIEVEMENTS

- **Linux - Level 1 - KodeKloud**
- **Git - Level 1, 2 - KodeKloud**
- **Microsoft Azure Fundamentals**
- **Oracle Java Explorer**
- **Oracle MySql Explorer**
- **Aviatrix Certified Multicloud Network Associate Engineer**
- **AWS Cloud Practitioner Essentials**
- **100 Days DevOps Training – KodeKloud (Reading)**
- **DevOps Skill Up – Geek for Geeks (Reading)**
- **AI Governance Certificate**
- **HP LIFE Agile Project Management**
- **Postman API Fundamentals**
- **Azure DevOps Engineer Expert self-paced training – Microsoft (Reading)**
- **Introduction to GitHub Copilot**

EXTRA-CURRICULAR ACTIVITIES

- Member, ESA (Esoft Student Association) - ESOFT Metro Campus, Gampaha
- Former Prefect & Sports Captain - Mahanama National School

REFERENCES

Dulashi Athauda,

Visiting Lecturer, IT
Esoft Metro Campus
dula.athauda@gmail.com
+94 71 595 8733

Frank Cronemberg,

Associate Architect / Delivery Manager
Tecciance
damiendfrank@gmail.com
+94 71 582 9295