

# J. P. ISURU DHANANJAYA

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Associate Software Engineer

## SUMMARY

Innovative and self-motivated Software Engineer with 2 years of industry experience, holding a BSc (Hons) in Software Engineering (Second Class Upper). Currently working as an Associate Software Engineer at Nova Labs Global, specializing in full-stack development using Java Spring Boot and React. Proven track record of delivering scalable enterprise applications and diagnosing complex system issues. Dedicated problem solver seeking to leverage technical expertise to drive organizational success.

## EDUCATION

**BSc (Hons) Software Engineering** | Cardiff Metropolitan University **2024 - 2025 (Completed)**  
• **Class:** Second Class Upper Division

**Graduate Diploma in Software Engineering** | Institute of Software Engineering (IJSE) **2021 - 2024**

**G. C. E. Advanced Level Examination** (Physical Science Stream) | G/Mahinda College, Galle **2021**

## WORK EXPERIENCE

**Associate Software Engineer | Nova Labs Global Galle, Sri Lanka | Sep 2024 - Present**

- **Key Responsibilities & Projects**
  - Participated in the development of a secure Ecommerce application, Pharmacy management system and Learning management system (LMS) using React, Spring Boot, Spring Security, Hibernate, and MySQL.
  - Delivered the official company website and multiple client websites end-to-end, covering design, development, deployment, hosting, and domain management using React, TypeScript and Tailwind CSS.
- **Impact:** Ensured fast delivery of multiple projects by independently handling full development lifecycles and Reduced overall development and deployment costs through efficient technology selection and hosting management.

**Intern Software Engineer | WORA Metrics Panadura, Sri Lanka | Feb 2024 - Aug 2024**

- **Key Responsibilities & Projects**
  - Contributed development of a Sanasa banking management system (Saving and FD accounts, loans and more features) using Spring Boot, Hibernate and MySQL.
  - Assisted in implementing a POS system for wholesale operations, improving inventory and sales tracking using Spring Boot, Hibernate and MySQL.
- **Impact:** Enhanced system stability and performance through effective debugging and timely delivery of production-ready features.

## TECHNICAL SKILLS

**Backend:** Java, Spring Boot, Spring Security, Hibernate, JPA

**Frontend:** React.js, React Native, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI

**Databases:** MySQL, MongoDB

**Version Control & Tools:** Git, Maven, Postman, IntelliJ IDEA, VS Code

**CMS & DevOps:** WordPress, AWS, Domain Management, Hosting Deployment, CI/CD Basics

## KEY PROJECTS

**SmartEdu - Education Management System** | University Final Project | Full Stack Developer

- **Overview:** Designed and developed a centralized education management system connecting authorities, schools, teachers, parents, and students, featuring a merit-based A/L admission module and automated administration including mobile attendance and timetable management.
- **Impact:** Solved critical issues regarding data fragmentation and lack of transparency in the Sri Lankan education sector.
- **Tech Stack:** ReactJS, React Native, TypeScript, TailwindCSS, Java, Spring Boot (Spring Security/JWT), MongoDB, Git, Maven, Postman, IntelliJ IDEA.
- **GitHub Repositories:** [Web App Frontend](#) | [Teachers Mobile App](#) | [Parents Mobile App](#) | [Backend](#)

**Social Media Platform** | Group Project | Lead Developer

[GitHub Repository](#)

- **Overview:** Engineered a LinkedIn-inspired social networking platform and served as Lead Developer, managing the team, designing the database, integrating APIs, leading complete backend development, and supporting full-stack implementation.
- **Tech Stack:** ReactJS, TypeScript, TailwindCSS, Java, Spring Boot, MySQL, Git, Maven, Postman, IntelliJ IDEA.

**Car Rental System** | Individual Project | Full Stack Developer

[GitHub Repository](#)

- **Overview:** Developed a multi-role web application for Admins, Customers, and Drivers.
- **Tech Stack:** Java, Spring Boot, HTML, CSS, JS, MySQL, Git, Maven, IntelliJ IDEA.

## ACHIEVEMENTS & EXTRACURRICULAR

- **Team Leadership:** 2nd Runner-up, All-Island Inter-School Badminton Team Tournament (2017).
- **Soft Skills:** Proven ability in time management, logical problem solving, and effective team collaboration.

## REFERENCES

Udeesha Induwara | 076 545 8960  
Associate Technical Lead at Cambio

Udara Silva | 075 647 0925  
Senior Software Engineer at IFS