

Anushka Madhushan Kulathunga

Software Engineer

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■ Sri Lankan 🔍 Portfolio 💬 LinkedIn 🐾 GitHub

EDUCATION

BEng (Hons) in Software Engineering

The Open University of Sri Lanka

12/2021 – present

Kurunegala, Sri Lanka

PROFESSIONAL EXPERIENCE

Software Engineer

eArrow (Pvt) Ltd

08/2023 – 08/2024

Colombo, Sri Lanka

- Designed and developed dynamic web applications using **PHP**, **CodeIgniter**, **CSS**, and **HTML**, adhering to coding standards and best practices.
- Created intuitive user interfaces to enhance user satisfaction and improve usability.
- Collaborated with cross-functional teams to streamline design processes and ensure seamless delivery.
- Provided technical support to troubleshoot and resolve customer web application issues.
- Diagnosed and resolved application problems through rigorous testing and debugging.
- Participated in project planning, execution, and testing to deliver high-quality, reliable software

Key Achievements:

- Consistently delivered projects on time, meeting or exceeding client expectations.
- Enhanced user satisfaction through the development of user-centric features and interface improvements.
- Maintained high-quality code standards, resulting in error-free functionality and reliable applications.

Associate Software Engineer

eArrow (Pvt) Ltd

02/2023 – 08/2023

Colombo, Sri Lanka

- Developed **Student Management Systems (LMS)** using **Laravel** and **Bootstrap**, enabling efficient management of academic data.
- Built **Payroll Management Systems** with **CodeIgniter** and **jQuery**, improving operational efficiency.
- Designed and implemented user-friendly interfaces to streamline application usability.
- Collaborated with senior engineers on project planning, execution, and adherence to best practices.
- Performed comprehensive testing to identify and resolve bugs, ensuring reliable software delivery.
- Provided support and troubleshooting for web applications to meet client requirements and expectations.

Key Achievements:

- Contributed to meeting project deadlines and delivering high-quality solutions.
- Enhanced operational workflows through the design and development of custom management systems.

SKILLS

Spring Boot



Spring Security



Angular



MySQL



Laravel



CodeIgniter



React



Node.js



Django



SQLite



PROJECTS

Inventory Management System

- Developed a secure, scalable, and user-friendly inventory management system using **Spring Boot** (backend) and **Angular** (frontend).
- Implemented **JWT-based authentication** with Spring Security for robust user access control.
- Enhanced data security with **frontend encryption** using crypto-js.
- Designed relational databases in **MySQL** for efficiency and scalability.
- Built interactive dashboards and charts to visualize inventory metrics in real-time.
- Extensively tested APIs using **Postman**, ensuring reliability and performance.
- Applied modern design patterns for maintainable, high-quality code.

Hotel Booking Management System

- Built a real-world hotel booking application using the **Laravel** framework.
- Integrated **PayPal REST API** for secure online payment processing.
- Designed and implemented a booking system to manage reservations efficiently.
- Demonstrated practical skills in backend development and third-party API integration.

Full-Stack Blog Application

- Created a robust blog platform using **React**, **Redux**, **Node.js**, **Express**, and **MongoDB**.
- Developed a backend API with advanced functionalities and integrated it with a dynamic React frontend.
- Utilized modern development practices, including **React Hooks** and **async/await**.
- Conducted extensive API testing with **Postman** to ensure seamless client-server integration.

Agency Website with Blogging Section

- Developed a fully **responsive agency website** with a dynamic blogging section and an intuitive **admin panel**.
- Integrated **Django ORM** to handle **CRUD operations** for efficient database management.
- Created a **rich-text blogging section** for easy content creation and editing.
- Implemented **user authentication** and an **admin panel** for content and user management.
- Configured **email notifications** using **Gmail** for user communications.
- Managed **static files** (CSS, JavaScript, images) for seamless frontend integration.
- Deployed the website on **PythonAnywhere** for global access.

LANGUAGES

English



Sinhala



INTERESTS

Exploring emerging technologies such as AI, machine learning, and blockchain. |

Contributing to open-source projects and participating in developer communities. |

Outdoor activities like hiking and running to maintain work-life balance. |

ADDITIONAL ACTIVITIES

Senior Prefect Board

- Demonstrated leadership and organizational skills by managing school events and student activities.

Science Society Member

- Participated in academic competitions and organized science fairs, enhancing public speaking and collaboration skills.

Cadet Team Member

Cultivated discipline and teamwork through active participation in cadet training and activities.

REFERENCES

MR. SANDEEPA LOKUBARANIGE, Software Engineer, Superloop Pvt Ltd
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MISS SHANNON DE SILVA, Lead QA, Superloop Pvt Ltd
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