YEHANI HARSHIKA

ASSOCIATE SOFTWARE ENGINNER | ASSOCIATE WEB DEVELOPER

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PROFESSIONAL SUMMARY

Motivated Web Developer and Full Stack Developer with hands-on experience designing and developing modern web applications. Proficient in HTML, CSS, JavaScript (ES6), SASS, React.js and Next.js, along with backend development experience using Java, Spring Boot and Node.js. Skilled in building secure, scalable systems with RESTful APIs, modern UI components, and clean, maintainable code. Experienced in working with MySQL, PostgreSQL, and MongoDB, and familiar with npm workflows and Git version control. A collaborative developer with experience in Agile environments and a passion for continuous learning and innovation.

Successfully completed the Higher National Diploma (HND) in Software Engineering at the Institute of Software Engineering (IJSE) and will be pursuing a BSc (Hons) in Computer Science (Top-Up) at SLIIT, awarded by the University of Bedfordshire.

TECHNICAL SKILLS

- **Languages:** Java, Node.js, Express.js, HTML, CSS, SASS, JavaScript, TypeScript, Python, AJAX
- **Databases/OS:** MySQL, MongoDB, PostgreSQL, Linux, Windows
- **Libraries:** jQuery, React, Redux, Material UI, Prisma
- **Frameworks:** Spring Boot, Spring, React Native, Next.js, Angular, NestJS, Bootstrap, Hibernate, Tailwind CSS
- **Tools:** Visual Studio Code, IntelliJ, WebStorm, Android Studio, Git, GitHub, Postman, Jupyter, Firebase, Expo, Figma, npm, Docker, Swagger
- **Architectures:** MVC, Layered, Client-server, Microservices (Beginner)
- **Web APIs:** RESTful API, GraphQL
- **Build Tools:** Maven, Gradle
- **Other:** JWT, Socket.io, OOP, Agile Methodologies
- **Soft Skills:** Problem Solving, Effective Communication, Adaptability, Teamwork and Collaboration

PROFESSIONAL WORK EXPERIENCE

Software Engineer Intern | HCode Solutions (Pvt) Ltd | Moratuwa, Sri Lanka   **May 2025 – November 2025**

- Contributed to the design and development of multiple full-stack web applications, managing both frontend and backend.
- Built responsive, user-friendly interfaces using HTML, CSS, JavaScript, React, Next.js and Tailwind CSS.
- Developed and integrated secure backend services with Spring Boot and Node.js, ensuring reliable performance and scalability.
- Collaborated with the team on backend implementation for a marketplace project.
- Backend & frontend development of an E-commerce platform.
- Designed the UI/UX in Figma and developed a complete website for an Elders' home project from start to finish.

Trainee Bank Officer | Peoples Bank | Polonnaruwa, Sri Lanka   **October 2022 – April 2023**

- Managed account creation, customer interactions, money deposits and withdrawals, cash counter operations, and pawning services, ensuring high levels of customer service and operational accuracy.

EDUCATION

Bachelor Of Science in Computer Science   2025 – Present
Sri Lanka Institute of Information Technology (University of Bedfordshire)

Higher National Diploma in Software Engineering   2023 – 2025
Institute of Software Engineering (IJSE)

G.C.E. Advanced Level – Biological Science Stream   2022
Biology: C | Physics: S | Chemistry: C

PROJECTS

MediTrack – Medical Center Management System (React, TypeScript, Node.js, Express.js, MySQL + Prisma, RESTful API)

- A robust medical center management system ensuring efficiency, security, and real-time data handling by dynamically managing doctors, nurses, patients, medicines, and appointments with an interactive calendar.
- Automated invoice generation, secure payment processing, and efficient medical report management.
- Implement JWT-based authentication, monitor revenue streams, and analyze financial performance.
- GitHub Link-Backend / GitHub Link-Frontend

BlossomBay – Flower Delivery Ecommerce Web Application (React, JavaScript, Node.js, Express.js, MongoDB, RESTful API)

- Built a seamless online platform for flower ordering and delivery with real-time tracking and efficient order management.
- Integrated JWT authentication for secure user access and transactions.
- GitHub Link

GreenShadow – Crop Monitoring System (HTML, CSS, Bootstrap, JavaScript, Spring Boot, MySQL, RESTful API)

- A user-friendly platform for efficiently managing staff, fields, crops, vehicles, equipment, and logs with real-time data handling.
- Developed a responsive interface and implemented role-based JWT authentication for secure access.
- GitHub Link-Backend / GitHub Link-Frontend

VehiCore – Vehicle Data Management System (React, Redux, TypeScript, React Bootstrap, Tailwind CSS, Node.js, Express.js, TypeScript, GraphQL (Apollo), TypeORM, MySQL, Socket.IO, Bull.js, Redis)

- Developed a full-stack web application for efficient vehicle data management, enabling seamless import of vehicle records from CSV/Excel files, real-time export handling with progress tracking, and advanced search functionality with dynamic filters.
- Implemented real-time notifications using WebSocket connections and engineered a robust background job processing system with Bull.js and Redis to handle bulk operations efficiently, ensuring scalable performance for large datasets.
- GitHub Link

FlavorNest – Recipe Sharing Platform (React, Redux Toolkit, TypeScript, Material UI)

- FlavorNest is a recipe-sharing platform frontend that allows users to discover, share, and interact with a variety of recipes, offering an engaging and user-friendly interface for seamless browsing and interaction.
- GitHub Link

MovieHunt – Movie Explorer Web App (React, Redux, TypeScript, Axios, Material UI, TMDb API)
- Built a responsive movie browsing experience with session-based login, real-time search, trending movies, and detailed views.
- Implemented light/dark mode, React Router navigation, and robust error handling.
- Live Demo

Pinfolio – Bookmark Manager Web App (Next.js, TypeScript, Tailwind CSS, NestJS, MySQL, Prisma ORM, JWT)
- Developed a full-stack web app with JWT authentication and secure RESTful APIs for user-specific bookmark management.
- Designed a responsive UI with CRUD features and smooth user interactions.
- GitHub Link

REFERENCES

Mr. Ramindu Samarawickrama
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