SHEMEERA FONSEKA

Software Engineer

Highly motivated and detail-oriented individual with a keen interest in software development and a strong commitment to continuous learning. Recognized for a proactive mindset, critical thinking, and the ability to adapt quickly in dynamic environments. I bring clarity, collaboration, and consistency to every task, and take pride in contributing to innovative, high-impact solutions through a thoughtful and structured approach.

PERSONAL INFO

- 📞 +94 74 198 5282
- ✉️ shemeerafonseka@gmail.com
- 📍 Colombo, Sri Lanka
- 🌐 https://shemeerafonseka.github.io/portfolio/
- 🔗 http://www.linkedin.com/in/shemeera-fonseka

TECHNICAL SKILLS

- HTML5
- CSS3
- JavaScript
- React
- Responsive UI
- Figma
- Node.js
- Express.js
- Java
- Spring Boot
- Microservices
- REST
- MySQL
- MongoDB
- AWS
- GitHub

EDUCATION

BENG (HONS) SOFTWARE ENGINEERING

Staffordshire University, UK
(2024 - 2025)

*Completed BEng (Hons) Software Engineering at Staffordshire University, UK, graduating with **First Class** Honors.*

HIGHER NATIONAL DIPLOMA IN SOFTWARE ENGINEERING

National Institute of Business Management
(2022 - 2023)

*Earned Distinction in HND in Higher National Diploma in Software Engineering with **3.82** GPA.*

DIPLOMA IN COMPUTER SYSTEM DESIGN

National Institute of Business Management
(2021 - 2022)

*Earned Distinction in Diploma in Computer System Design, with **3.9** GPA.*

WORKING EXPERIENCE

INTERN SOFTWARE DEVELOPER (FREELANCE)

Flego Innovations | 2025 - July - Present

- Built and deployed end-to-end web applications using front-end frameworks and back-end technologies.
- Designed and optimized relational and NoSQL databases to ensure scalability, performance, and security.
- Integrated third-party APIs, authentication systems, and cloud services to enhance application functionality and reliability.
- Implemented CI/CD pipelines, version control (Git), and testing practices to streamline development, maintain code quality, and support agile workflows.

Tech stack *- HTML5, CSS3, JavaScript, React, Node, Java, REST, MySQL, GitHub*

INTERN SOFTWARE DEVELOPER

Asia Lanka Developers | 2024 - November - 2025 - May

- Developed and maintained responsive web applications using modern front-end and back-end technologies.
- Customized and deployed robust Point of Sale (POS) systems tailored to specific client requirements.
- Designed scalable and reusable UI/UX components to enhance consistency across projects.
- Collaborated with clients to gather requirements and deliver effective, user-centric solutions.
- Managed projects end-to-end, ensuring timely delivery, code quality, and stakeholder satisfaction.

Tech stack *- HTML5, CSS3, PHP, JavaScript, React, Spring boot, Java, REST, MySQL, GitHub*

TRAINEE OF ICT DIRECTORATE

Sri Lanka Customs | 2024 - February - July

- Converted UI/UX designs into functional and interactive application interfaces.
- Developed RESTful web services to improve system integration and communication between platforms.
- Participated in on-site support and troubleshooting, addressing real-time technical issues and user concerns.
- Contributed to internal development initiatives and gained hands-on experience in government IT infrastructure.

Tech stack *- PHP, Java, C#, SOAP, MySQL*

CERTIFICATIONS

Version Control (2024 July)
Meta

Learned industry-standard Git workflows, branching strategies, and collaborative version control best practices. - *Link*

Advanced React (2023 July)
Meta

Gained hands-on expertise in building scalable React applications using hooks, state management, performance optimization, and advanced component patterns. - *Link*

PROFESSIONAL SKILLS

- Communication
- Leadership
- Communication
- Troubleshooting
- Project Management
- Problem Solving
- Time Management

LANGUAGES

- English
- Sinhala

INTERESTS

- Singing
- Listening to music
- Watching Movies
- Travelling

REFERENCES

Anton Nimesh
Senior Web Engineer
Collabera Digital, Malaysia
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Vimanga Balalla
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Arimac
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PROJECTS

SYOS STORE View

- Developed a full grocery shopping system supporting real-time product browsing, order placement, and inventory management.
- Implemented a multi-tier client-server architecture with MVC to ensure scalability, separation of concerns, and maintainable code structure.
- Built admin tools for product, stock, and order management to streamline daily store operations.
- Optimized backend processes to improve performance and ensure consistent user experience across modules.

Tech stack - React, Java, Spring Boot, MySQL,, Multi-tier Client-Server Architecture, MVC Pattern, Object-Oriented Design, Software Design Patterns

TOURIST MANAGEMENT SYSTEM View

- Created a complete booking and management system for safari tour operators with real-time package browsing and reservation handling.
- Implemented secure authentication with JWT and bcrypt, supporting multi-role access (admin, editor, agent) with granular permissions.
- Built an admin dashboard for managing tours, guides, bookings, and customer interactions using dynamic data-driven insights.
- Designed RESTful APIs and modular front-end components to ensure scalability, maintainability, and responsive UI across devices.

Tech stack - React, Node.js, Express.js, MySQL, JWT Authentication, Bcrypt, Axios, React Router, RESTful API, Multi-tier Architecture, Component-Based Design, Responsive Web Design

PORTFOLIO WEBSITE View

- Built a responsive portfolio website to showcase projects, skills, and design work with clean and performance-optimized UI.
- Integrated animations, reusable components, and modular code for scalability and improved user experience.
- Implemented a structured layout and real-time updates to ensure easy content management and future extensibility.

Tech stack - HTML5, CSS3, JavaScript, React.js, responsive UI, real-time updates