

# SRISAJEENTHRAN SRITHARAN

## Full Stack Developer

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### ABOUT ME

**Full-Stack Developer (React, Node.js)** with hands-on experience shipping production-grade applications during two software engineering internships. Proven ability to build scalable REST APIs, secure authentication systems, responsive UIs, and data-driven features using MERN, Java Spring Boot, MongoDB, MySQL, Docker, and Kubernetes. Passionate about AI-powered systems, LLM pipelines, and automation, demonstrated through an advanced research project on AI-driven interview evaluation and human capital optimization. Seeking a full-stack developer role to build high-performance systems end-to-end.

### PROFESSIONAL EXPERIENCE

#### Uvexzon, Software Engineering Intern

05/2025 – 11/2025

- Designed and implemented full-stack modules using React, Node.js, and Spring Boot, improving system responsiveness and reducing page latency.
- Integrated REST APIs and optimized database queries (MongoDB/MySQL), reducing backend load and improving data retrieval time.
- Collaborated in agile sprints, contributing to architecture discussions and code reviews that improved code quality across the team.
- Collaborated with cross-functional teams to enhance the performance, scalability, and user experience of various applications and systems.
- Debugged and resolved critical production issues, improving system stability and reducing customer-reported bugs by 25%.
- Built reusable UI components and improved UX across multiple client-facing apps.

#### DGateway In, Software Engineering Intern

03/2024 – 07/2024

- Built a banking demo app with React and Vite enhancing UI performance and reducing bundle size.
- Developed backend APIs with Spring Boot and MongoDB, improving data access efficiency.
- Integrated Grafana dashboards enabling real-time system monitoring for internal teams.
- Built backend services using Spring Boot and MongoDB, optimizing data management.
- Implemented Docker and Kubernetes deployments, improving environment consistency and reducing deployment time.
- Built secure user flows (registration, authentication, access control) using JWT.

### EDUCATION

#### BSc (Hons) in Information Technology Specialising in Information Technology,

10/2022 – Present

Sri Lanka Institute of Information Technology (SLIIT)

- Specialization: Information Technology
- Completed Higher Diploma in IT
- Research: Dynamic Interview Question Generation and LLM-based Candidate Evaluation (LLM + NLP + AI automation)

### TECHNICAL SKILLS

**Frontend Development:** React.js, Next.js, JavaScript (ES6+), TypeScript, Redux Toolkit, Tailwind CSS, Vite, Responsive UI

**Backend Development:** Node.js, Express.js, Spring Boot, Java, REST API, GraphQL, Microservices

**Databases:** MongoDB, MySQL

**DevOps & Tools:** Docker, Kubernetes, Git/GitHub, CI/CD (GitHub Actions), Grafana, Nginx

**AI & ML:** Python, OpenCV, LLM-based automation (GPT/BERT), NLP pipelines

**Other Skills:** Agile/Scrum, system design, problem-solving

### PROJECTS

#### Tryfit: Virtual Dressing Room E-commerce Website,

05/2025

Academic Project (MERN + Python OpenCV)

Built a 2-side eCommerce system (admin + customer). Integrated **OpenCV virtual try-on**, increasing user engagement and time-on-page.

Implemented authentication (JWT), product CRUD, and image processing pipelines. Stack: **React, Node.js, Express, MongoDB, Python, OpenCV, Tailwind**

#### Fit-Connect: Online Fitness Guider Social Media Platform,

05/2025

Academic Project (React + Spring Boot)

Designed a scalable microservice-style backend with Spring Boot REST APIs. Built real-time interaction features (posts, comments, reactions).

Implemented secure login with JWT + role-based authorization. Improved UI response using React + Tailwind optimized components.

#### Food Delivery System, (MERN)

11/2024

Built food ordering with payment integration and admin portal. Added order tracking and push notifications improving UX. Optimized database queries improving read/write performance.

#### Hotel Management System,

06/2024

Academic Project (MERN Stack - React, Node.js, Express, MongoDB)

Built a complete hotel booking system with a customer-side interface for room booking and an admin- side interface for managing bookings and services. Focused on creating a responsive design and implementing a seamless booking experience.