JULACH EARZAN

Software Engineer | Full-Stack Developer

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PROFESSIONAL SUMMARY

Software Engineer with experience building and maintaining production web applications using Next.js, React, Node.js, and PostgreSQL. Experienced in developing scalable user interfaces, integrating secure payment systems, and working with REST APIs. Currently expanding backend and infrastructure skills with Go, Spring Boot, Docker, TanStack Start, and workflow automation using n8n. Passionate about building reliable systems and improving application performance.

EXPERIENCE

Associate Software Engineer

X4 Digital Labs   Feb 2025 – Present

- Developing and maintaining production web platforms including reservation and restaurant management systems.
- Building responsive user interfaces using Next.js and Tailwind CSS.
- Implementing authentication systems and payment integrations.
- Managing application state using Redux and Context API.
- Improved API performance by optimizing PostgreSQL queries.
- Collaborating with cross-functional teams in an Agile development environment.

Intern Software Engineer

Invicta Innovations (Pvt) Ltd   Mar 2024 – Sep 2024

- Contributed to the development of a healthcare management system.
- Built frontend components using React and TypeScript.
- Integrated APIs and improved application stability.
- Worked closely with developers to deliver project features.

PROJECT

INDPT Website

Next.js, Tailwind CSS, Redux, SEO •
- Developed responsive UI and improved SEO structure for a production website.

Salt Al Bahar Website

Next.js, Redux, Payment Integration, API Authentication •
- Implemented cart features and integrated secure payment functionality.

Portfolio Website (Personal Project)

Next.js, Tailwind CSS, Redux, SEO •
- Developed responsive UI and improved SEO structure for a production website.

EDUCATION

Bachelor of Science in Computer Science

Eastern University of Sri Lanka • GPA: 2.8 | Credits: 90 • 2020 - 2025

TECHNICAL SKILLS

Front End: React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML5, CSS3, TanStack Start

Back End: Node.js, REST API Development, API Integration, Go (Learning), Spring Boot (Learning)

Database: PostgreSQL, MySQL

State Management: Redux, Context API

Authentication & Security: JWT Authentication, API Key Authentication, Payment Gateway Integration

DevOps & Tools: Docker (Learning), Git, GitHub, Firebase Hosting, CI/CD (Learning), Agile Development

Automation: n8n, Webhooks, Workflow Automation