

Srisankar Sriharan

Software Engineering Undergraduate | Full Stack Developer

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SUMMARY

Enthusiastic and driven final-year B.Sc. (Hons) Software Engineering student at the University of Kelaniya, with practical experience in full-stack web development and RESTful API design. Successfully completed a 6-month backend internship at PLT, contributing to secure, multilingual systems using Spring Boot and SQL. Proficient in React, Next.js, Node.js, Express.js, and Spring Boot, with a solid foundation in both SQL and MongoDB. Adept at Agile methodologies, Git-based version control, and team collaboration. Fast learner with strong problem-solving skills, committed to delivering scalable and impactful software solutions.

EDUCATION

B.Sc. (Hons) in Software Engineering 08/2022 - Present

University of Kelaniya
Current GPA - 3.7500

G.C.E Advanced Level Examination - 2020 01/2012 - 11/2020

J/Jaffna Hindu College
Combined Maths - A | Chemistry - B | Physics - B
Z-Score - 1.6483

SKILLS

Programming Languages

Java, JavaScript, TypeScript, HTML, CSS, SQL

Frameworks & Libraries

Spring Boot, Next.js, React.js, Node.js, Express.js

Databases

MySQL, MongoDB

Web & App Development

RESTful API Design, Responsive UI Development, JWT Authentication, MVC Architecture, Microservices (basic)

Development Workflow & Tooling

Version Control (Git), Containerization (Docker)

Project Management & Methodologies

Agile/Scrum, Software Development Life Cycle (SDLC), Team Collaboration

Visualization & Reporting

Chart.js, Recharts

CERTIFICATION

AWS Educate Getting Started with Databases

AWS Educate Getting Started with Storage

AWS Educate Introduction to Cloud 101

LANGUAGES

English

Proficient



Tamil

Native



REFERENCES

Dr. Nalin Warnajith

Head/Senior Lecturer (Grade II)
Software Engineering Teaching
Unit University of Kelaniya.
Phone: +94 71 757 0140
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Mr. Kasun Chinthaka Piyarathna

Senior Software Engineer
PLT, Saudi Arabia
Phone: +966 54 631 8964
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FIND ME ONLINE



Portfolio

<https://srisankar2001.github.io/Portfolio-New>



GitHub

<https://github.com/Srisankar2001>



HackerRank

<https://www.hackerrank.com/profile/srisankar2001>

EXPERIENCE

Intern Software Engineer

PLT - The Polar Lights

10/2024 - 03/2025 Riyadh, Saudi Arabia (Remote)

- Increased system security by {30%} through developing secure RESTful APIs with Spring Boot and JWT for multilingual support.
- Improved API response time by {40%} after streamlining backend processes for regional language needs.
- Coordinated {16} Agile sprints utilizing Bitbucket for version control and continuous integration.

Company Project: User Workflow System (PLT)

Multilingual (Arabic/English) workforce management platform for a manpower company, streamlining workflows and enhancing efficiency. Built with Next.js, Spring Boot, and SQL; version controlled via Bitbucket.

- Developed and optimized secure RESTful APIs using Spring Boot with JWT authentication.
- Achieved backend multilingual support for {100,000+} Arabic and English users through dedicated development efforts.
- Collaborated in an Agile team and maintained code using Bitbucket.

PROJECTS

Ermine – Custom Cloth Tailoring Shop

<https://github.com/Srisankar2001/Dress>

Technologies: Next.js, Node.js, Express.js, MySQL, JWT, Recharts

- Role-Based Tailoring Platform:** Engineered a full-stack web application enabling admins, employees, and users to manage custom dress orders efficiently.
- Real-Time Analytics:** Integrated Recharts to deliver live dashboard insights, improving order tracking accuracy by 30% and optimizing workflow efficiency.
- Secure Authentication:** Applied JWT-based authentication to ensure secure and role-specific access control.

Real-Time Parking Management System

<https://github.com/Srisankar2001/parking>

Technologies: React.js, Node.js, Express.js, MongoDB, JWT, Chart.js

- Full-Stack Parking Management System:** Developed a real-time platform for efficient parking space allocation and monitoring across multiple vehicle types.
- Automated Operations:** Implemented dynamic slot management and automated fee calculation by vehicle type and parking duration, reducing manual errors by 25%.
- Insightful Analytics:** Leveraged Chart.js to visualize parking trends and support data-driven administrative decisions.

Hospital Management & Booking System

<https://github.com/Srisankar2001/hospital>

Technologies: React.js, Node.js, Express.js, MongoDB, JWT, Chart.js

- Full-Stack Hospital Management System:** Built a MERN based platform enabling real-time appointment scheduling and management for admins, doctors, and patients.
- Role-Based Dashboards:** Implemented dynamic workflows for booking, cancellation, and schedule updates tailored to each user role.
- Secure Access & Analytics:** Secured sessions using JWT and cookie-parser, and integrated Chart.js for real-time insights in the admin panel.