

# SUJAL SHRESTHA

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<https://asur-sujalshrestha.github.io/sujal-portfolio/>

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## SUMMARY

Enthusiastic and dedicated graduate with a solid foundation in Object-Oriented Programming and full-stack development. Proficient in Java, Spring Boot, Python, and modern frontend technologies. Experienced in building scalable web applications through academic projects and internship experience. Passionate about solving real-world problems with efficient, clean code.

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## WORK EXPERIENCE

Full Stack Intern (Sona Consolidate pvt. Ltd.)

July 2024 - Oct 2024

- **Loan Management System:** Integrated REST APIs and displayed dynamic data using React and Angular. Supported end-to-end page construction and ensured frontend-backend integration.
  - **Sona Travels Ticket Booking System:** Assisted in the development and optimization of a travel and ticket booking web application.
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## EDUCATION

Bachelor in Computing Honours

Nov 2022 - June 2025

Islington College

+2 level in Science

2020-2022

Capital College (CCRC)

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## PROJECTS

Online Learning and Collaboration Platform (Spring Boot, Postgres, React):

- Developed a full-stack platform for online learning and team collaboration, similar to Microsoft Teams.
- Implemented user authentication, organization registration, and role-based access using Spring Boot and JWT.
- Built features for classroom management, group creation, and assignment submission.
- Integrated real-time chat and video conferencing using WebSocket.
- Enabled teachers to share content (files, images, videos) and post announcements.
- Frontend built with React.js; backend with Spring Boot and RESTful APIs and Postgres.

### **Hospital Management System (Java, Spring Boot, React, PostgreSQL, Microservices):**

- Built a full-stack hospital management system to manage patients, doctors, and appointments.
- Implemented features for patient registration, doctor allocation, appointment scheduling, and medical record management.
- Developed secure user authentication and role-based access for doctors, patients, and admins.
- Designed normalized database schema with PostgreSQL.
- Integrated REST APIs with React frontend for a seamless and interactive UI.

### **Dynamic E-commerce website(java JEE):**

- I built an e-commerce website using JSP, java, MYSQL.
- Where user can register and logged into their account.
- Add items in cart and purchased them.
- They can watch their order history. The credentials of user in encrypted.
- Session and cookies are also user for session trekking.

### **Sona Travels Ticket Booking**

- Assisted in building and optimizing the travel web application, focusing on API calls, data fetching, and page construction.
- Ensured smooth integration of front-end and back-end components to provide an intuitive user experience.
- Utilized Angular, React, and Node.js to deliver a responsive and dynamic web application.

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## **SKILLS**

- Java JEE
- Java Spring Boot
- React JS
- Angular
- Python
- MySQL/ Postgres/ Oracle
- Git/GitHub

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## **CERTIFICATIONS**

- Real-Time chat app with Spring Boot
  - AWS Cloud foundation
  - AWS Cloud Data Engineering
  - AWS Cloud Machine Learning
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