

Srijan Jaiswal

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Summary

A highly motivated B.Tech Computer Science student with experience in software development, IoT, and full-stack web development. Passionate about problem-solving, innovation, and exploring new technologies.

Education

Lovely Professional University <i>B.Tech in Computer Science and Engineering</i>	Punjab, India 2023–2027
Central Hindu Boys School, BHU <i>12th Grade (Science)</i>	Varanasi, India 2021–2022
Central Hindu Boys School, BHU <i>10th Grade</i>	Varanasi, India 2019–2020

Experience

Club 20 <i>Tech Lead</i>	2 Months 2024
<ul style="list-style-type: none">○ Led a team of developers to build innovative solutions.○ Provided technical guidance and managed project execution.○ Organized and conducted workshops to train new members.	

Projects

Fake Bill Detection for SIH: Developed a system to detect fake bills in insurance companies using AI and fraud detection techniques. Project submitted for SIH.

Crowd Management using IoT: Implemented a smart crowd management system using WiFi, RFID, and camera-based monitoring for real-time crowd control. Patent application in process.

Full-Stack Job Portal: Designed a job portal with separate interfaces for job seekers and employers. Unique feature: Job seekers can compare job opportunities based on salary, location, and other criteria.

Logistics Optimization System: Developing an algorithm to optimize logistics planning by minimizing costs while considering distance, reliability, and time efficiency. Example The system manages transportation using 2 trucks, 1 ship, and 1 bus, ensuring optimal resource allocation and route selection for maximum efficiency.

Technical Skills

Programming Languages: C, C++, Python, JavaScript, SQL

Tools & Technologies: Git, Linux, Overleaf, Visual Studio Code

Concepts: Data Structures, Algorithms, IoT, Web Development, Networking, Cloud Computing, Machine Learning

Achievements & Certifications

Patent Application: Filed a patent for IoT-based Crowd Management System.

Smart India Hackathon: Participated in SIH, developing an AI-powered fraud detection system.

Competitive Programming: Regularly solve problems on LeetCode and Codeforces.

Workshops & Training

Machine Learning Workshop: Completed a hands-on training program on Machine Learning and AI applications.

Cloud Computing Training: Underwent AWS and Google Cloud training to enhance cloud computing skills.

Leadership & Extracurricular Activities

Club 20: Tech Lead, mentoring junior developers and managing technical projects.

NGO Volunteering: Instructor at Kranti Foundation Trust and EducationForAll, helping underprivileged students.

Open-Source Contributions: Contributed to open-source projects on GitHub.

Languages

English: Fluent

Hindi: Native

Hobbies

Football: Enjoy playing and competing in football matches.

Gym: Passionate about fitness and strength training.

Technology: Learning new technologies and exploring innovative solutions.

Travel: Exploring new places and cultures.

Photography: Enjoy capturing landscapes and creative photography.