

Somesh Pratap Singh

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Summary

Computer Science undergraduate focused on full-stack development and AI-based systems. Experienced in building scalable web applications using React, Node.js, and REST APIs with strong foundations in Data Structures and problem-solving.

Education

Bachelor of Technology, Computer Science & Engineering, University of Lucknow (Expected July 2026)

CGPA: 8.2/10

Higher Secondary (Class XII), Jeevan Dhara Convent School (2022) — 84%

Secondary (Class X), Jeevan Dhara Convent School (2020) — 89%

Letter of Appreciation

Supervisor's Training Centre , Northern Railways, Indian Railways

Issued for contribution to the Supervisor's Training Centre Management System project.

[View Certificate](#)

Skills

Languages: Java, JavaScript, Python, C, TypeScript

Frontend: React.js, HTML, CSS, TailwindCSS, Vite

Backend: Node.js, Express.js, REST APIs, SQLite3, Firebase

Tools: Git, GitHub, Excel, Material UI, Word

Core: Data Structures & Algorithms, OOPs, API Integration, Cybersecurity Fundamentals

Experience

Supervisor's Training Centre, Northern Railways — (June 2025 to Aug 2025)

Software Developer Intern

- Developed responsive interfaces using React and TailwindCSS to digitize administrative workflows.
- Integrated REST APIs and improved system stability through testing and debugging.

Outlook Publishing India Pvt. Ltd. — (May 2025 to Aug 2025)

Project Intern

- Coordinated intern teams and optimized workflow tracking using structured Excel dashboards.

Cyber Gyan, Noida — (June 2024 to Aug 2024)

Cybersecurity Intern

- Analyzed system logs to detect threats and documented internal security processes.

Projects

• STVT Management System

Full-stack training management platform built using React, Node.js, and SQLite3.

• SafeGuard AI – Disaster Predictor & Response System

AI-powered disaster prediction system integrating satellite data, weather APIs, GPT-4, and real-time routing with dynamic evacuation planning.

• LexiLingua – AI Legal Simplifier

AI-based legal document summarizer using React and FastAPI.

• Model Movement Control

Real-time evacuation simulation platform using React and Leaflet.

• Note Service

Modern notes management application built with React and Vite.

• Nexus – Futuristic Virtual World

Real-time interactive collaboration space with proximity-based communication.

• Solar System – 3D Simulation

Interactive 3D Solar System using Three.js with realistic orbital motion, lighting, textures, and camera controls.

Certifications

Google Cloud Qwiklabs

Gen Ai Exchange

GSSoC 2024 Contributor

KWoC 2024 Contributor

IBM SkillsBuild – Cybersecurity Basics

Coursera – Programming Fundamentals

Github Education