

SOMIL SRIVASTAVA

Lucknow, Uttar Pradesh

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EDUCATION

Faculty of Engineering & Technology, University of Lucknow	2023 – Present
B.Tech in Computer Science & Engineering - SGPA - 7.27 (Till 5th Semester)	Lucknow, India
St Gabriel Convent School	2021 – 2023
Central Board of Secondary Education (CBSE) Examination - Class XII	Lucknow, India

EXPERIENCE

Northern Railways, Software Developer Intern May 2025 - July 2025

- Designed and developed a **web-based Training Portal** for Northern Railways.
- Implemented **UUID-based email verification** for secure student registration.
- Built **student and admin dashboards** to manage training workflows efficiently.
- Developed an **admin approval-based payment verification system**.
- Automated **batch-wise and project-wise report generation**, reducing manual effort by ~ 80%.

PROJECTS

Railway Training Portal  June 2025

- Student registration and login system.
- Secure email verification using UUID.
- Personal details and course selection module.
- Admin-controlled payment verification.
- Automated reports by batch and project.
- **Tech Stack: HTML, CSS, JavaScript, Google Sheets, Google Docs, Google Apps Script**

TECHNICAL SKILLS

Areas Of Interest: Data Structures and Algorithms, Data Science, Artificial Intelligence

Languages: C, Java, Python, HTML, CSS, JavaScript

Libraries (Data Science): NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn

Technologies/ Tools: SQL, DBMS, Jira, Google Apps Script, Git, Firebase

Data & AI: Data Cleaning, Data Analysis, Data Visualization, Machine Learning, Prompt Engineering

ACHIEVEMENTS

Completed **10+ professional certifications** in Data Science, AI, and Machine Learning from **IBM & Infosys**.
Built and deployed a **real-world government project** during internship at Indian Railways.

POSITION OF RESPONSIBILITY

Computer Coding Club Representative Responsible for organizing coding events and competitions in college to enhance the coding culture.

Software Developer Intern – Northern Railways

Contributed to design, development, testing, and deployment of a production-level training portal.

ADDITIONAL INFORMATION

- Familiar with **Agile development concepts** and task tracking using Jira.
- Comfortable working in **team-based and deadline-driven environments**.
- Actively learning advanced topics in **AI and Machine Learning**.
- **Certifications:** IBM Data Science Professional (Python, SQL, Data Analysis, Visualization, Machine Learning), Big Data Foundations – IBM, SQL & Relational Databases – IBM
- **Badges:** Enterprise Design Thinking Practitioner – IBM, Google Cloud Data Engineering (Big Query, Streaming Analytics)

INTERESTS

- Searching
- Gaming
- AI
- Testing

CERTIFICATIONS

- Machine Learning for Data Science Projects (IBM SkillsBuild)
- Big Data Foundations - Level 1 (Issued by IBM)
- Applied Data Science with Python - Level 2 (Issued by IBM)
- Data Science Methodologies (Issued by IBM)
- Data Visualization Using Python (Issued by IBM)
- Data Analysis using Python (Issued by IBM)
- Python for Data Science (Issued by IBM)
- SQL and Relational Databases 101 (Issued by IBM)
- Enterprise Design Thinking Practitioner (IBMSkillsNetwork)
- Prompt Engineering (AI0117EN, provided by IBMSkillsNetwork)
- Artificial Intelligence Fundamentals (IBMSkillsNetwork)
- Introduction to Data Science (Infosys Springboard)
- Introduction to Career Skills in Data Analytics