Srimat Srivats

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Education

Kalinga Institute of Industrial Technology   Bhubaneswar,Odisha
Bachelor of Technology, Computer Science and Engineering **CGPA: 8.67**   *Sep'22 – Jun'26*

Delhi Public School Patna   Patna, Bihar
All India Senior School Certificate Examination **Percentage: 95.8%**   *Apr'19 – Mar'21*

Experience

Hewlett Packard Enterprise (Forage)   **Jun'25 – Jul'25**
Software Engineer Intern
- Completed a job simulation through Forage, where I expanded and tested **RESTful APIs** using **Java Spring Boot**, implementing GET, POST, PUT, and DELETE operations for cloud service resources.
- Utilized **Postman** for API validation and Git for version control, following **industry-standard development workflows**. Applied clean code principles to ensure scalability, modularity, and maintainability of **backend systems**.
- Skills/Frameworks: Java, RESTful API Development, Postman, Git, Cloud Services

Amazon ML School   **Aug'25**
Machine Learning Trainee   *Remote*
- **Selected among the top 3,000 students nationwide** from thousands of applicants for Amazon ML Summer School 2025, gaining exposure to **large-scale ML systems and applied AI research.**
- Solved 5+ real-world ML case studies in **collaboration with Amazon scientists**, applying advanced algorithms to achieve **faster convergence and improved decision-making accuracy** compared to baseline approaches.
- Skills/Frameworks: Machine Learning, Applied Science, Data Analysis

Projects

Traffic Controller System | *Java, JavaFX, JSP, MYSQL* | *Source Code*   **Feb'25 – May'25**
- Enhanced a real-time traffic simulation using **JavaFX**, modeling dynamic **traffic light transitions** with GUI updates. Used MySQL and JDBC for **logging intersection states**, and followed the MVC pattern for modular design.
- Designed and implemented a scalable system with **intersection control, event-driven simulation, and visual feedback.**
- Integrated **real-time database logging** of traffic light changes using MySQL and JDBC, enabling traffic **state analysis and auditability.**

AI-Powered Data Extractor | *Python, Flask, Google Sheets API* | *Source Code*   **Jul'24 – Jan'25**
- Built an AI agent that ingests **CSV/Google Sheets data**, performs automated web searches using **dynamic query templates**, and extracts insights using **LLM-based parsing** for fast, accurate information retrieval.
- Planned and developed an interactive **Flask dashboard** enabling file upload, query configuration, real-time data extraction, and export to **CSV/Google Sheets**, integrating **Google Sheets API, SerpAPI, and GPT-3** for end-to-end workflow automation.

Relevant Coursework

- Data Structures
- Algorithms
- Operating Systems
- Database Management
- Artificial Intelligence
- Computer Networks
- Cloud Computing
- Machine Learning

Technical Skills

Languages: Java, Python, JavaScript
Developer Tools: Git/GitHub, Linux, Sublime text, Google Cloud Platform, Hugging Face, PyCharm
Libraries/Frameworks: Spring Boot, Docker, Puppeteer, NumPy, Matplotlib, Pandas

Achievements

- Secured Global **Rank 1143 in Meta Hacker Cup 2025**.   **Ranking**
- Specialist on **HackerRank** with a **5 Star rating**, testament to algorithmic skills.   **Profile**
- Achieved **1630** as the best global rank in **Meta Hacker Cup 2024**.   **Ranking**
- **3 star CodeChef rating** with consistent problem-solving skills..   **Profile**
- Achieved a **Codeforces rating of 1762 (Expert)**.
- Recognized as an active **GSSOC contributor** for consistent **PRs and issue resolutions.**