Nagmani Kumar

nag2mani@gmail.com | LinkedIn | GitHub | </> Leetcode

EDUCATION

Sitare University with SRMU, Lucknow Expected Graduation - 2026
Bachelor of Technology in Computer Science and Engineering

Jawahar Navodaya Vidyalaya and Dakshana Foundation, Bengaluru Oct'15 – Aug'22
10th: 94.4 %, 12th: 91.6 % (PCM), IIT JEE 2022: 96.5 Percentile

EXPERIENCE

Software Engineering Intern | **MeshWorks** May'24 – Aug'24

- Enhanced an Angular-based web application by resolving over 100 bugs, improving code efficiency, and adding new features such as a Text Editor and Tooltip for better customer assistance.
- Technologies Utilized: JavaScript, TypeScript, Angular, .Net Core, MySQL, Git, Microsoft DevOps.

Software Testing Intern | **Beans.ai** Jun'23 – Aug'23

- Conducted comprehensive manual and automated testing for the Beansroute Mobile App and Web Console, enhanced Python-based automation to streamline quality assurance.
- Technologies Utilized: Python and its Library, Django, MySQL, Git and GitHub, GIS Technology.

Data Analysis Intern | **NOQS Digital Pvt. Ltd.** Apr'23 – Jun'23

- Utilized statistical methods and automation tools to analyze data, generated business insights, identified customer trends and prepared detailed performance dashboards for the founder.
- Technologies Utilized: Python and its Library, Google Workspace, MySQL, Git, and GitHub.

PROJECTS

Search Engine *

- Developed a search engine from scratch with web scraping, indexing, and ranking by Building tf-idf weighted vectors for each document and computed pairwise cosine similarity to rank documents.
- Tech Stack: Python, Web Crawling, Cleaning, N-grams, SimHash, Ranking, NumPy, Pandas.

Expense Management Software (For Client) *

- Developed software for a client to manage expenses, funds, and inventory, with personalized dashboards for the Company where they can view and generate reports by date/category in xlsx format.
- Tech Stack: HTML, CSS/Bootstrap, JS, Django, MySQL, Python, NumPy, Pandas.

BiteBase (Runner-up in SU Coder Hackathon) *

- Created a Django-based web application providing real-time information from various trusted sources, Features include contests, hackathons, job listings, and breaking news updates.
- Tech Stack: HTML, CSS/Bootstrap, JS, Django, MySQL, Python, Machine Learning Algorithms.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, JavaScript
- **Web Technologies:** HTML, CSS, React JS, Node JS, Express JS, Django, SQL, MongoDB
- **Python Libraries:** NumPy, Pandas, Matplotlib, PyTorch, Scikit-learn
- **Platforms/Tools:** Linux (Ubuntu), Git and GitHub, Microsoft Azure DevOps

AWARDS/SCHOLARSHIPS

- Awarded a 100% scholarship for B.Tech-CSE at Sitare University.
- Awarded a 100% scholarship for IIT-JEE preparation by Dakshana Foundation.
- Got Letter of Recommendation by Founder and CEO of NOQs Digital Pvt. Ltd.

EXTRACURRICULAR ACTIVITIES

- Sub-Coordinator, AI Club, Sitare University.
- Secretary, Startup and Business Club, Sitare University.
- College Representative and Center Head for JDST/NDST, Dakshana Foundation.