SRAJAN SHRIVASTAVA

Vidisha, Madhya Pradesh

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EDUCATION

Vellore Institute of Technology, Chennai Chennai, Tamil Nadu
B.Tech in Computer Science (AI–ML); CGPA: 8.7 *2021 – 2025*

Saket Shishu Ranjan Vidisha, Madhya Pradesh
Senior Secondary; Percentage: 84.00 *2020 – 2021*

EXPERIENCE

Sutherland Global Hyderabad, Telangana
Associate Software Engineer *Nov 2025 – Present*

- Contribute to backend development of an agentic AI chatbot, focusing on retrieval, orchestration, and response handling
- Develop and modify backend logic to support chatbot-driven automation in line with defined design specifications
- Work extensively with SQL for data fetching, validation, and reporting-related backend requirements
- Use MongoDB and vector databases for efficient data storage, retrieval, and contextual query handling
- Collaborate with frontend and integration teams to ensure smooth API communication and end-to-end functionality
- Participate in debugging activities, perform root cause analysis, and document fixes for recurring issues
- Actively collaborate with team members, participate in technical discussions, and help improve development workflows

Netlink Software Group America Bhopal, Madhya Pradesh
Python Developer Intern *Oct 2023 – Dec 2023*

- Worked with the development team to build a chatbot using Python and NLP libraries, focusing on natural language understanding and context-aware responses
- Explored tools such as Rasa and Hugging Face for intent classification, entity extraction, and dialogue flow design
- Assisted in debugging and improving the codebase to maintain stable chatbot performance

PROJECTS

HazeHeal ⧉ | Python, Generative AI

- Built a GAN-based deep learning model for image dehazing using TensorFlow, achieving improved visual clarity through a custom architecture
- Designed a network with MBConv blocks, Swish activation, and spectral normalization, using a composite loss function (perceptual, Charbonnier, BCE) to preserve fine details

Code Dependency Visualizer ⧉ | Node.js, Express, D3.js

- Built an interactive code dependency visualizer to analyze JavaScript projects and their internal relationships
- Implemented a custom parser to scan project files, extract imports/exports, and generate a dependency graph
- Designed a dynamic web dashboard to display file and function relationships for easier debugging and understanding of large codebases

SKILLS

Skills: Python, C++, Java, JavaScript, Data Structures and Algorithms, Machine Learning, Deep Learning, Generative AI, RAG, Flask, TensorFlow, scikit-learn, OpenCV, Hugging Face, Pandas, NumPy, MongoDB, SQL, Docker, Git, GitHub

CERTIFICATIONS

- Python 3.4.3 - IIT Bombay
- AWS Certified Cloud Practitioner
- Machine Learning - Udemy
- Deep Learning - Udemy
- Machine Learning Program - 1 Stop Ai
- 1 Stop Ai Virtual Internship Program

ACHIEVEMENTS

- Ranked in the Top 20 in the 36-hour "Krypthon" hackathon at VIT Chennai.
- Core Committee and Marketing Team member of ViTeach Club, VIT Chennai.
- Represented Madhya Pradesh in the under-17 cricket category.