SRIVANI VINNAKOTA

Portfolio: srivanivinnakota.vercel.app

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Education

Anurag University — Hyderabad, India
B.Tech in Computer Science Engineering (specialization in Data Science) - GPA: 7.98 — *Aug 2022 – May 2026*

Geetanjali Junior College — Hyderabad, India
Intermediate - MPC, Percentage: 85.5 — *Apr 2020 – May 2022*

Experience

Meta (Swecha Telangana) — **May 2024 – June 2024**
Software Engineer Intern — *India*
- Developed and optimized a Telugu LLM, improving accuracy by 15% and reducing API response time by 20%.
- Prepared and fine-tuned datasets for accurate linguistic representation.
- Tech Stack: Python, TensorFlow, NLP, Data Preprocessing.

Goldman Sachs — **July 2024**
Software Engineering Virtual Intern — *India*
- Identified outdated password hashing algorithms, reducing vulnerability by 30%.
- Prepared detailed documentation and recommendations for security improvements.
- Tech Stack: Python, Cryptography, Git, Documentation.

Hewlett Packard Enterprise — **August 2024**
Software Engineering Virtual Intern — *Remote*
- Developed microservices and REST APIs to improve system scalability and communication.
- Documented microservices architecture and presented findings.
- Tech Stack: Java, Spring Boot, REST APIs, Docker.

Wission Talks — **May 2024 – July 2024**
Graphic Designing Intern — *India*
- Designed engaging UI/UX content using Canva for social media and marketing campaigns.
- Collaborated with marketing to ensure designs aligned with brand identity.
- Tech Stack: Canva, UI/UX Design, Adobe Creative Suite.

Projects

Student-Mentor Management System | *Java, Firebase, SQL, XML* — **December 2024**
- Designed features for mentor search, session scheduling, and profile management to optimize the mentorship process.
- Utilized Java and Firebase for backend integration, and SQL/XML for data storage and retrieval.

Chatbot with NLP and SQL Integration | *Python, MySQL, NLP libraries* — **November 2024**
- Developed a chatbot to process natural language queries and retrieve data from a MySQL database.
- Integrated NLP libraries for effective language understanding and response generation.

Resume Uploader and Analyzer | *Node.js, Express.js, HTML, CSS, JavaScript, Multer* — **October 2024**
- Developed a web app to simplify resume submission, extracting key information for tailored interview preparation.
- Used Node.js and Express.js for backend, and Multer for handling file uploads and processing PDF, DOCX files.

E-commerce Platform with Recommendation System | *React, Node.js, MongoDB* — **September 2024**
- Built a full-stack e-commerce platform with a recommendation system to enhance user experience.
- Used React for front-end, Node.js for backend, and MongoDB for database.

Real-time Weather App | *JavaScript, HTML, CSS, OpenWeatherMap API* — **August 2024**
- Created a real-time weather application using JavaScript, HTML, CSS, and the OpenWeatherMap API.
- Implemented features for current weather updates and a 7-day forecast.

Personal Portfolio Website | *HTML5, CSS3 (Tailwind CSS/Bootstrap),React.js,Node.js* — **March 2024**
- Developed a responsive personal portfolio website to showcase my projects and skills.
- Utilized HTML, CSS, JavaScript, and Bootstrap for design and development.

Technical Skills

Languages: C/C++, Python, Java, JavaScript, TypeScript, SQL, R
Frameworks/Libraries: React, NumPy, Pandas, Flask, Entity Framework Core
Tools: Git, GitHub, Docker, Helm, Kubernetes, Jupyter Notebook
Databases: MySQL, Azure Cosmos DB
Other Skills: Machine Learning, Deep Learning