

SASHANK VARMA

Mummidivaram, AP

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Education

Aditya College of Engineering and Technology, JNTUK

2022 – 2026

B.Tech in Computer Science Engineering (Artificial Intelligence and Machine Learning) 8.29 CGPA

Surampalem, AP

Professional Summary

Results-driven Full-Stack Developer with expertise in MERN stack, FastAPI, and AI/ML integration. Skilled in developing scalable web applications, optimizing APIs, and implementing AI-driven solutions like resume parsing, job matching, and LLM-powered chatbots. Passionate about leveraging large language models (LLMs) and intelligent automation to solve real-world problems efficiently.

Experience

Aquarlabs

Oct 2024 – Jan 2025

Full-Stack Developer Intern

Visakhapatnam, AP

- Worked as a full-stack developer with a primary focus on backend development.
- Created and managed APIs to support various applications and services, including an AI PDF converter project.
- Implemented JWT authentication as a middleware to secure the APIs and managed routes for each conversion process.
- Engaged in comprehensive project work that enhanced both front-end and back-end skills.
- Expanded knowledge and experience in backend technologies and full-stack frameworks.

Edunet Foundation

Apr 2024 – May 2024

Artificial Intelligence and Machine Learning Intern

Mummidivaram, AP

- Completed a 6-week AI and ML internship using the IBM SkillsBuild platform under APSSDC and Edunet Foundation.
- Developed a sentiment analysis project to classify customer reviews as positive or negative with 75% accuracy.
- Gained hands-on experience working on AI and ML projects, utilizing industry-standard tools and techniques.

Projects

Smart Hire AI | *AI, Machine Learning, FastAPI, React.js, Nlp*

January 2025 - Present

- Developed an AI-powered job matching portal with a frontend using React.js and a backend powered by FastAPI.
- Implemented user and recruiter portals, allowing recruiters to post jobs and users to upload resumes for automatic skill extraction.
- Built an AI-driven resume parser to extract skills and match users with suitable jobs from available listings based on an 80% similarity threshold.
- Integrated an AI HR interview module that evaluates candidates with skill-based and general questions, scoring them out of 10.
- Automated email notifications to recruiters when candidates achieve a high interview score, streamlining the hiring process.
- Ensured an ATS-friendly design, enhancing the job application and recruitment experience with intelligent automation.

FoodLink | *MERN Stack, JWT Authentication*

December 2024 - Present

- Developed a MERN stack application, FoodLink, to streamline food donation collection from customers and restaurants.
- Implemented a secure login and signup system using JWT authentication, ensuring safe user access.
- Users can enter their location and other details to request or donate food, improving the matching process.
- This platform helps reduce food wastage by connecting donors and recipients efficiently, ensuring surplus food reaches those in need.
- Displays all available donations and claimed donations, allowing users to track food availability and distribution.

Technical Skills

Languages: Python, Java, JavaScript, c, HTML, CSS, SQL

Databases: MySQL, MongoDB, Pinecone

Developer Tools: VS Code, Git, GitHub, Docker, Postman, Swagger

Frameworks & Libraries: React.js, Express.js, Node.js, FastAPI, Redux

AI & Machine Learning: Scikit-learn, TensorFlow, PyTorch, LangChain, NLP

Certifications

- Generative AI - LinkedIn and Microsoft [↗](#)
- Postman API [↗](#)
- Python Certification - Python Institute [↗](#)
- MongoDB Certification - GeeksforGeeks [↗](#)
- Docker Essentials - IBM [↗](#)

Achievements

- Participated in several coding competitions, continuously increasing knowledge and improving problem-solving skills.
- Awarded the Merit Scholarship from the Central Government under the National Scholarship Portal (NSP).
- Recently participated in the GeeksforGeeks Vulut Cloud Innovative Hackathon and qualified for Phase 2.