GREESHMANTH REDDY BOMMIREDDY

(+91) 8639791231 | greeshmanthbommireddy@gmail.com | Ongole, AP | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Full Stack Developer skilled in React, Node.js, Python, FastAPI, and Django REST, with experience in building scalable web apps and AI-powered tools using LangChain, FAISS, and OpenAI APIs. Strong in REST API development, PostgreSQL/MySQL, and cloud workflows through an AWS Data Engineering internship. Proven ability to deliver end-to-end solutions with solid problem-solving and communication skills.

EDUCATION

Industry Ready Certification in Full-stack Development   Sep 2023 - Ongoing
   NxtWave Disruptive Technologies

Bachelor of Technology - Electronics and Communication Engineering | 8.29   2022 - 2026
   Kallam Haranadhareddy Institute Of Technology, Guntur, AP

Intermediate - MPC | 93.9%   2020 - 2022
   Sri Nagabhairava Junior College, Ongole, AP

SKILLS

Frontend: React.js, HTML, CSS, Bootstrap, JavaScript, Tailwind CSS, TypeScript

Backend: Python, Express.js, Node.js, FastAPI, Django REST Framework

Databases: MySQL, PostgreSQL

AI/ML Libraries: LangChain, FAISS, TensorFlow, Keras, OpenAI APIs

Developer Tools: Git, VS Code, MATLAB

Soft Skills: Communication, Problem-Solving, Teamwork, Leadership

EXPERIENCE

Data Engineering Virtual Intern | *Remote, Andhra Pradesh*   Apr 2025 - Jun 2025
AWS Academy (via EduSkills, AICTE – National Internship Portal)

- Completed a 10-week virtual internship focused on data pipeline design and cloud-based data workflow implementation
- Gained hands-on experience with AWS services including storage, compute, and database tools commonly used in data engineering
- Worked with SQL and AWS-based data processing concepts to understand end-to-end data movement and transformation.
- Acquired practical exposure to cloud environments, improving understanding of scalable data engineering solutions.

PROJECTS

AI Research Assistant — RAG-based Question Answering Tool
Tech Stack: Python, LangChain, FAISS, Streamlit, OpenAI API

- Built an AI-powered research assistant capable of answering questions from uploaded PDFs and article links using Retrieval-Augmented Generation (RAG).
- Implemented vector embeddings and efficient similarity search using FAISS to retrieve the most relevant context for each query.
- Utilized LangChain to manage prompt engineering and integrate OpenAI's API for accuratnatural-language responses.
- Designed and deployed a Streamlit-based interface to enable real-time, context-aware question answering.

AI-Powered Resume Analyzer and Job Matcher

Tech Stack: React.js, Node.js, Express.js, PostgreSQL, Google Gemini API, REST API
- Developed a full-stack application using React, Node.js, Express.js, PostgreSQL, and Google Gemini API to upload, parse, and analyze resumes in real time.
- Implemented AI-driven job description matching that identifies missing skills, provides improvement suggestions, and highlights resume strengths.
- Designed backend APIs to store all resume analysis records in PostgreSQL for historical tracking and comparison over time.

Student Information API — [Student Api]

Tech Stack: Django REST Framework, PostgreSQL, Python
- Implemented full CRUD operations for managing student data, ensuring efficient data storage and retrieval through optimized query handling.
- Utilized Django REST Framework models and serializers to enable seamless data serialization, validation, and structured API responses.
- Integrated PostgreSQL for relational data management, ensuring high scalability, reliability, and data integrity across all operations.

CERTIFICATIONS

Data Engineering Virtual Internship - AWS Academy

React JS Development - NxtWave

AI-ML Virtual Internship - EduSkills

Programming Foundation with Python - NxtWave

Built Your Static Web Application (HTML, CSS, JS) - NxtWave

ACHIEVEMENTS

Merit Scholarship for Academic Excellence

Awarded a prestigious merit-based scholarship in recognition of outstanding academic performance, reflecting consistent dedication, excellence, and commitment to learning.