Badisa Srikanth

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github.com/rajupeace | LeetCode | HackerRank

Career Objective

Final-year Computer Science Engineering student at Vignan University (70% aggregate) seeking a Software Engineering / Full-Stack Developer role. Proficient in Python, React.js, Node.js, Express, MySQL, and LangChain, with practical experience designing RESTful APIs, relational schemas, and conversational AI agent pipelines.

Education

Vignan University – *B.Tech in Computer Science Engineering (Final Year)* **2023 – 2027**
Academic Performance: 70% Aggregate *Vadlamudi, Andhra Pradesh*

Sri Chaitanya Junior College – *Intermediate (MPC) – Score: 85%* **2021 – 2023**

St. Francis English Medium High School – *SSC – GPA: 10/10* **2021**

Technical Skills

Programming Languages:	Python, JavaScript (ES6+), C, SQL
Web Development:	React.js, Node.js, Express.js, RESTful APIs, HTML5, CSS3, JSON
Databases & Storage:	MySQL (Relational Schema Design, Foreign Keys, CRUD, Query Optimization)
AI & LLM Frameworks:	LangChain, LLM APIs, Prompt Engineering, Agentic Workflows
CS Fundamentals:	Data Structures, Algorithms, OOP, DBMS, Operating Systems, Computer Networks
Developer Tools:	Git, GitHub, VS Code, Postman, Linux CLI

Technical Projects

VU Universe – Full-Stack Web Application *GitHub: github.com/rajupeace*
Tech Stack: React.js, Node.js, Express.js, MySQL, REST APIs, CSS3

- Built a responsive full-stack platform implementing decoupled client-server architecture with React.js and Node.js/Express.
- Engineered 10+ RESTful API endpoints managing JWT user authentication, session security, and structured CRUD data pipelines.
- Designed a normalized relational MySQL schema across 5+ tables with constraints to ensure data integrity and query efficiency.
- Performed end-to-end API testing using Postman, optimizing payload response times and handling graceful error states.

AI Assistant – VU Agent *GitHub: github.com/rajupeace*
Tech Stack: Python, LangChain, Large Language Models (LLMs), REST APIs

- Developed a conversational AI assistant in Python leveraging LangChain to coordinate prompt-driven multi-step reasoning.
- Integrated frontier LLM APIs with dynamic prompt templates, conversation memory buffers, and tool-calling capabilities.
- Connected external APIs enabling the assistant to retrieve contextual data and return structured responses with < 2s latency.
- Implemented robust error-handling, request rate-limiting safeguards, and asynchronous streaming response handling.

Achievements & Certifications

- **Competitive Problem Solving:** Solved 50+ algorithmic coding problems across LeetCode, HackerRank, and CodeChef.
- **HackerRank Problem Solving Certificate:** Verified proficiency in fundamental data structures, algorithms, and logic.
- **Full Stack Web Development Certification:** Completed comprehensive training in frontend, backend, and database architecture.

Key Coursework

Data Structures & Algorithms, Database Management Systems, Object-Oriented Programming, Operating Systems, Computer Networks, Software Engineering Principles.