Gowtham V

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OBJECTIVE

To apply my knowledge in computer engineering and design thinking to solve real-world problems, enhance my technical skills, and grow as a creative and effective problem-solver in the tech industry.

SKILLS

Programming & Scripting	Java, Python, JavaScript
Frontend Technologies	HTML, CSS, Tailwind, React js
Backend Technologies	Python (FAST API)
Database	MySQL
Cloud Technologies	AWS (EC2, S3, IAM)
Operating Systems	Linux, Windows
Soft Skills	Leadership, Adaptability, Teamwork & Collaboration
Dev Tools	Git & GitHub, POSTMAN, VS Code, PUTTY

EDUCATION

SNS College of Technology	Nov 2021 - May 2025
BE Computer Science and Engineering - CGPA - **8.7**/10	
Metro Matriculation Higher Secondary School	Jun 2019 - May 2021
HSC – **92.6%**	
Metro Matriculation Higher Secondary School	Jun 2018 - May 2019
SSLC - **89.2%**	

PROJECTS

Talk-to-Database System (AI-powered Data Querying)

- **Built an AI-driven "Talk to Database" system using Groq (LLaMA models)** that allows users to query structured databases using natural language instead of writing SQL. Designed a secure query pipeline where user queries are interpreted by the LLM, mapped to validated database operations, and executed through controlled APIs. Implemented intent parsing, query constraints, and result formatting to ensure accurate, readable, and safe responses, improving data accessibility for non-technical users.

Retrieval-Augmented Generation (RAG)–Enabled Chatbot

- **Implemented a Retrieval-Augmented Generation (RAG) pipeline** to enable the chatbot to answer queries using both internal API data and external knowledge sources. Integrated structured API responses and unstructured external documents into a retrieval layer, allowing the model to fetch relevant context before generating answers. This ensured responses were grounded in real data, reduced hallucinations, and allowed the chatbot to handle domain-specific as well as general informational queries accurately.

EXPERIENCE

Web Developer Intern | River World Technologies   Jun 2025 – Sep 2025
- Worked on real-world projects using React.js, HTML, CSS, JavaScript, and Bootstrap to build responsive web interfaces. Collaborated with the team to develop and optimize UI components for better user experience and performance. Gained practical exposure to debugging, state management, and front-end development workflows.

Frontend Development Intern | Prime Solutions   May 2024 – Jun 2024
- Learned the complete web development lifecycle, including project planning, design, and collaboration within a professional team. Gained insights into how developers build, test, and deploy web applications. Built foundational knowledge in HTML, CSS, and JavaScript while understanding real-world development practice.

CERTIFICATIONS

- Java Programming , SQL, React js (**Prepinsta)**
- HTML ,CSS ,JavaScript ,Bootstrap (**Udemy)**
- Design Thinking Practitioner , Python (**IBM)**
- UI/UX ,GIT & GITHUB (**Great Learning)**