ROHITH M

📞 8921171060 ✉ Email 🔗 LinkedIn ⭘ GitHub 🌐 Portfolio

Education

Amrita Vishwa Vidyapeetham, Coimbatore	**CGPA: 8.45/10**
Bachelor of Technology, Computer Science & Engineering	*2021 – Present*
Bharatiya Vidya Bhavan, Thrissur	**CBSE: 95.4%**
Higher Secondary	*2019 – 2021*

Experience

Amrita Hospital | Software Developer Intern   **March 2025 – Present**

Vite, HTML, CSS, JavaScript, Python, Streamlit, LangChain, Ollama, DeepSeek, Llama   *Kochi*

- Built a device-compatible Progressive Web App (PWA), deployed as an installable APK.
- Developed a Streamlit app to summarize medical CSVs and interact with data using a RAG model.
- Implemented an offline, RAG pipeline with LangChain, ChromaDB, and Ollama for querying medical data.

Infosys Springboard | AI/ML Project Intern | GitHub   **December 2024 – February 2025**

Python, Streamlit, Web Scraping, ARIMA, Hugging Face, Groq API, Slack API   *Remote*

- Developed an e-commerce competitor analysis platform to compare competitor strategies and customer sentiment.
- Used Web Scraping to gather real-time data on pricing, discounts and reviews.
- Applied ARIMA for 5-day discount forecasting and Hugging Face's transformers for sentiment analysis.
- Integrated LLaMA for generating strategy recommendations based on competitor data.
- Enabled real-time updates with Slack API for streamlined communication.

SAP Labs | Frontend Developer | Industry Project | GitHub   **February 2024 – April 2024**

HTML, CSS, JavaScript, React   *Remote*

- Contributed to the development of an Invoice Extraction system using Generative AI to automate the extraction and entry of invoice data into systems, reducing manual data entry efforts.
- Designed and developed responsive UI pages for login, uploading/auto-filling, profile management, invoice status tracking, and manager dashboard.

Projects

Spelling Checker | Python, Trie, Hashing, SQLite, React, Flask | GitHub

- Developed a spelling checker and auto-completion system using Trie and hash table for word validation.
- Implemented a spelling suggestion system offering up to 5 relevant corrections, enhancing user experience.
- Designed a reliable hashing mechanism and utilized SQLite to store and track misspelled words and their frequencies, enabling historical analysis and improving accuracy.

Interactive Text-to-Image Bot | React, Flask, Hugging Face API | GitHub

- Implemented an interactive text-to-image bot using Flask for backend services and React for the user interface.
- Integrated Hugging Face's Stable Diffusion model, achieving an average image generation time of under 5 seconds per request.
- Designed and implemented RESTful APIs for seamless communication between frontend and backend, ensuring a responsive user experience.

Technical Skills

Languages/Frameworks: Python, HTML, CSS, JavaScript, SQL, React, Flask, Java, C, C++, Bootstrap, Node, Express
Tools/Technologies: VS Code, Jira, Git, GitHub, Google Colab, Postman, SEToolkit, Canva
Areas of Interest: Frontend Web Development, OOP, DBMS

Certifications / Achievements

- Google | Crash Course on Python | *Course Completion Certificate* | Link
- HackerRank | Python (Basic) | *Assessment Certificate* | Link
- LinkedIn | Learning SQL Programming | *Course Completion Certificate* | Link
- Content & Social Media Manager Intern | Life Education Institute | Link
- Digital Poster Making Competition | FIT INDIA WEEK-2023 | *First Place* | Link
- Football Player | Played for CSE department