

B.R. Sohith Kumar Reddy

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OBJECTIVE

AI Full-stack and backend engineer with hands-on experience in Angular, Spring Boot, PostgreSQL, AWS, and LLM-based systems. Delivered SDE-1 level contributions in performance optimization, scalable feature development, and ML-driven automation.

TECHNICAL SKILLS

- **Languages:** Java, Python, C++, JavaScript, TypeScript
- **Backend:** Spring Boot, Express.js, Flask, Django, REST API Development, Redis, PostgreSQL, MongoDB
- **Frontend:** Angular, React, Tailwind CSS, ShadCN
- **Cloud and DevOps:** AWS, GCP, Docker, Kubernetes, Jenkins, GitHub Actions
- **Software Engineering:** System Design, OOP, DSA, Code Reviews, Real-time Systems
- **AI and LLM:** Llama Models, RAG, FAISS, LangChain, TensorFlow

EXPERIENCE

- **Software Engineer Intern - Apptmyz** June 2025–Present
 - Designed and developed full-stack modules using **Angular, Spring Boot, and PostgreSQL**, contributing to scalable enterprise logistics workflows.
 - Improved system reliability by collaborating with cross functional teams, delivering clean, review-ready code, and implementing real time WebSocket tracking for accurate dispatch visibility.
 - Optimized backend APIs and database queries, reducing latency from **1.8s → 600ms** and enhancing overall system performance.
 - **ML Impact:** Built an LSTM demand forecasting **PoC (82% accuracy)** to support automation and demonstrated SDE-1 ownership through end-to-end feature development and deployment.
- **Full Stack & UI/UX Intern - WiseMango** May 2025–June 2025 | Remote
 - Contributed to development of production grade web applications through responsive UI engineering and workflow automation.
 - Automated backend process using **Express.js and MongoDB pipelines**, reducing manual effort by **40%**.
 - Improved frontend performance by **35%** through memoization, optimized rendering, and API batching.
 - **ML Contribution:** Created a content-based recommendation system prototype using embeddings and cosine similarity.
 - Collaborated in code reviews, feature discussions, and iterative improvements to deliver reliable, scalable modules.

PROJECTS

- **Review Bot** — *React.js, Express.js, MongoDB, Gen AI, Llama 3.1, Flask, RAG* [GitHub Link](#)
Designed a scalable AI system integrating **Llama-3.1 with FAISS vector** retrieval to summarize e-commerce product reviews with **30% better factual accuracy**.
Built secure backend APIs and OAuth-based authentication aligned with production engineering standards.
- **Registration Info LLM** — *React.js, Express.js, MongoDB, Langchain* [GitHub Link](#)
Developed a reliable **RAG pipeline for government-related citizen queries using optimized embeddings and retrieval models**.
Enhanced retrieval precision by **18%** through refined chunking, prompt templates, and ingestion logic.
Added JWT + SMTP verification for secure, authenticated user access.

ACHIEVEMENTS AND CERTIFICATIONS

- 750+ LeetCode problems solved with a **1700+ rating (Top 12%)**.
- Selected Trainee for **Amazon ML Summer School**, gaining exposure to advanced ML, transformers, and real-world automation systems.
- IIT Madras Silver (Python) Gold (Deep Learning); IIT Kharagpur Silver (Cloud Computing).
- Ranked in **top 0.5%** academically with a CGPA of **9.0**.

EDUCATION

Keshav Memorial Institute of Technology
Bachelor of Technology in Information Technology
Narayana Junior College
Class 12

Nov. 2022 – May 2026
CGPA: 9.00
Apr. 2020 – Jul. 2022
Percentage: 97.8%