Shravan M R

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EDUCATION

Bachelor of Engineering - Computer Science and Engineering (AI & ML)   2021 – 2025
M S Ramaiah Institute of Technology, Bangalore   *Current CGPA: 8.81/10*

Coursework: Data Structures and Algorithms, Design and Analysis of Algorithms, Database Management Concepts and Systems, Operating Systems, Deep Learning, Generative AI, Object Oriented Programming using Java

TECHNICAL SKILLS

Languages: Python, Java, Kotlin, TypeScript
Development Tools: Git, GitHub, PyCharm, Google Colab, Postman, Docker, Vercel
Frameworks and Libraries: Node.js, React.js, Next.js, Tailwind CSS, Flask API, PyTorch
Data Management: Relational Databases (PG SQL), Non-Relational (Firebase and Cosmos)
Cloud Platforms: AWS (Lambda and EC2), Azure

EXPERIENCE

UDAAN | *SDE Intern*   Jan 2025 – Jun 2025
- Built scalable full-stack **Kotlin/TypeScript** features for Partner, Retail and MM app workflows plus ad-hoc tools cutting manual data-loading steps by 50%.
- Automated competitor-account & data ingestion APIs, slashing setup errors by 70% and doubling on-boarding throughput.
- Engineered resilient market-pricing pipelines with dynamic request signing, delivering fresh insights at 99% up-time.
- Enhanced Assist Console with FCR vs. non-FCR tag classification, reducing tagging errors by 40% and speeding call resolution.

CADRE ODR | *ML Intern*   Jan 2024 – Mar 2024
- Developed a real-time **grievance redressal** (RAG) application using ChromaDB and **Mistral 7B** & **Llama 2** LLMs for user interaction and information extraction.
- Fine-tuned a **BART model** on a custom grievance dataset for zero-shot **hierarchical classification** of government departments. Integrated the classification model with chatbot flow to guide users through a hierarchical grievance path.

NextWealth | *Intern Generative AI Solutions*   Oct 2023 – Jan 2024
- Implemented **generative AI strategy**, automating repetitive tasks and reducing average handling time by 5 minutes per task.
- Developed AI automation that eliminated one layer of quality check analysis out of three, significantly streamlining operations.
- Successfully led the development of AI prototypes that solved complex client challenges, resulting in operational cost savings.

Foodingo Pvt. Ltd | *Full-Stack Developer*   Jun 2022 – Aug 2023
- Collaboratively designed and developed the backend architecture.
- Built a dynamic landing page and admin panel web app with role-based access controls.
- Leveraged Next.js to implement a responsive and SEO-optimized front-end with authentication and backend using Firebase.

PROJECTS

F&B - QR based Food Ordering & Restaurant Management System | *Typescript, AWS, MongoDB*   Jan 2024
- Led full-stack development, building **70+ APIs** with Node.js and a responsive front-end with TypeScript and Tailwind.
- Optimized performance with **client-side caching**; managed data with **MongoDB** and media storage via **AWS S3**.
- Deployed to serve **2000+ monthly users** and **100+ active** customers per day, including tax and donation services.

NoteRep | *Next.js, Node.js, Tailwind CSS, Firebase, Google SEO, Git, Vercel*   May 2022
- It is a comprehensive Study Materials and **Notes sharing platform** for college students.
- Integrated features like **Live Calendar** view, **Community Links**, **User Shared links** and **Real-time Class Timetable**
- Built an **AI Chatbot** that navigates users across NoteRep and **Generates real-time ads** in the conversation.
- Actively maintained with 200+ active users, **3,000+** monthly visitors, and **75,000+** total views to date.

Enigma Escape | *Python, Streamlit, Llama-3 70B Model, Git, Firebase*   December 2023
- A **Text-Based Game** where players have to manipulate an AI into saying specific phrases at different levels.
- Designed game-play where players make indirect queries/prompts to **LLM**, ensuring responses contain specified phrases.
- Integrated **Firebase** to manage user authentication and capture all activities, enabling precise player score tracking.

LEADERSHIP

E-Cell Ramaiah - Student club | *Vice President*   2024 – Present
Spearheading initiatives to foster entrepreneurship, encouraging startups. Organized events engaging 500+ students, showcasing adept team management, leadership, and organizational skills. Gained practical experience through a 1-year stint at a startup incubated by E-Cell.

Google Developer Student Club (GDSC) | *Core Member*   2023 – Present
Played a pivotal role in expanding the club's presence, facilitating collaborations with industry experts, and enhancing members' technical skills through coding challenges and hackathons.