Shravan

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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: **8.7/10.0***

Coursework: Data Structures, Algorithms, Software Engineering, Design and Analysis of Algorithms, Database Management Concepts and Systems, Operating Systems, Big Data Analytics, Machine Learning, Deep Learning, Artificial Intelligence, Object Oriented Programming using C++, Computer Networks and Communication, Computer Organisation and Architecture, Compiler design and Automata theory

TECHNICAL SKILLS

Languages: Python, Java, C++, C, JavaScript, Node.js
Development Tools: Git and GitHub, VS Code, PyCharm, Google Collab, Docker, Vercel
Frameworks and Libraries: React.js, Next.js, Tailwind CSS, FastAI, PyTorch, Pandas, NumPy
Data Management: SQL, Firebase, Hadoop
Soft Skills: Leadership, Writing, Public Speaking, Time Management

PROJECTS

NoteRep | *Next.js, Node.js, Tailwind CSS, Firebase, Git, Vercel, VS Code*   May 2022 – Present
- Established a comprehensive Study Materials and Notes sharing platform.
- Integrated valuable features: Calendar, Community Links, Timetable, Countdown.
- Currently, it is actively maintained with 200+ active and a total of 65k views till now.

AI Meal Planner | *Python, Streamlit, Anthropic Claude, Git*   August 2023
- Developed an AI-powered meal planner app, utilizing the Llama-3 Language Model to generate personalized meal plans tailored to individual dietary requirements, preferences, and caloric needs
- Implemented accurate alignment of ingredients with dietary restrictions and nutritional targets.
- Engineered a user-friendly UI using Streamlit, optimizing the user experience for easy customization and interactive meal planning.

Enigma Escape | *Python, Streamlit, Llama-3 70B Model, Git, Firebase, Anyscale*   December 2023
- A Text-Based Game where players have to manipulate an AI into saying specific phrases without direct prompts.
- Designed clever game-play where users must use indirect questioning to progress through levels.

EXPERIENCE

Spritle Software | *Machine Learning Intern*   Mar 2024 – May 2024
Contributed to the enhancement of AI-driven solutions by developing a similar image search engine, integrating open-source vector databases, and leveraging Large Language Models to optimize product performance at Sprite Software.

NextWealth | *Intern Generative AI Solutions*   Oct 2023 – Jan 2024
At NextWealth, I spearheaded the development of a generative AI strategy to automate employees' daily tasks, enhancing their average handling time for each operation. My role involved innovating with advanced AI models to create prototypes and MVPs that solve challenging problems and improve operational efficiency. This experience sharpened my abilities in team collaboration, complex problem interpretation, and solution development using AI and Python.

Foodingo Pvt. Ltd | *Full-Stack Web Developer*   2022 – 2023
Designed, developed, and integrated the landing page, and admin panel web app with role-based access.
Frontend with Next.js and Tailwind CSS. Database using Firebase

LEADERSHIP

E-Cell Ramaiah - Student club | *Vice President*   2023 – 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.

Innovation and Training Club (ITC RIT) | *Core Member*   2023 – Present
Pioneered the establishment of the Club, orchestrating a series of hands-on workshops and seminars focused on emerging technologies.