




# 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: 8.72/10*

**Coursework:** Data Structures and Algorithms, Design and Analysis of Algorithms, Software Engineering, Database Management Concepts and Systems, Operating Systems, Big Data Analytics, Deep Learning, Machine 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

**Development Tools:** Git, GitHub, PyCharm, Google Colab, Postman, Docker, Vercel

**Frameworks and Libraries:** Node.js, React.js, Next.js, Tailwind CSS, FastAI, PyTorch, Pandas, NumPy

**Data Management:** Relational Databases (MySQL, PostgreSQL), Non-Relational (Firestore), Hadoop

**Soft Skills:** Leadership, Writing, Public Speaking, Time Management

## PROJECTS

**NoteRep** | *Next.js, Node.js, Tailwind CSS, Firebase, Google SEO, Git, Vercel*

May 2022 – Present

- It is a comprehensive Study Materials and Notes sharing platform for college students.
- Integrated features include Calendar, Community Links, Timetable, Countdown, and AI Chatbot.
- Actively maintained with 200+ active users, 3,000+ monthly visitors, and 65,000+ 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 clever gameplay where players utilize indirect queries to prompt the LLM, ensuring responses contain specified phrases.
- Engineered a robust Firebase backend to manage user authentication and activities, enabling precise player score tracking.

**AI Meal Planner** | *Python, Streamlit, 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.

## EXPERIENCE

**Spritle Software** | *Machine Learning Intern*

Mar 2024 – May 2024

- Developed an image search engine using CLIP model and vector database, enhancing search accuracy up to 85%
- Integrated Large Language Models to optimize product information extraction, improving overall AI-driven solutions.

**NextWealth** | *Intern Generative AI Solutions*

Oct 2023 – Jan 2024

- Led development of generative AI strategy, automating daily tasks and reducing average handling time by 5 minutes per task.
- Implemented AI automation that eliminated one layer of quality check analysis out of three, significantly streamlining operations.
- Created AI-driven prototypes and MVPs using Python, collaborating with cross-functional teams to solve complex problems.

**Foodingo Pvt. Ltd** | *Full-Stack Web Developer*

2022 – 2023

- Designed and developed a landing page and admin panel web app with role-based access.
- Implemented frontend using Next.js for improved SEO and backend using Firebase database.

## 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.