Kishore Kumar

Full Stack and AI Developer

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Chennai 600066, Tamil Nadu, India

Objective

To work in fast-paced and collaborative environments and confront complex real-world problems, providing scalable and viable solutions. Interested in contributing to innovative projects and practical problem solving in various fields.

Education

R.M.K. Engineering College   *Oct 2022 - Present*

B.E. in Electronics and Communication Engineering

- **Recognized High Performance (RHP) Student:** Selected for an elite academic training program based on high performance in technical skills
- **Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Web Development, Artificial Intelligence, Cloud Computing.

Experience

Infosys Springboard   *Dec 2024 - Feb 2025*

Full Stack Java Developer Intern — Remote

Built an enterprise application to handle up to 1,000 monthly requests, with optimized database queries improving response time by 30%, and implemented authentication and role-based access for secure data management.

Smart IT Frame LLC   *June 2024 - Nov 2024*

Full Stack Developer and AI Intern — Remote

Optimized page loading speed by 30% and increasing user satisfaction by 25% after migrating to Next.js and Tailwind CSS. Improved backend efficiency by 30% through custom data retrieval tools with Supabase vectors. Enhanced LLM response time by 71%, reducing latency to 1.7 seconds with optimized function-calling prompts.

Projects

Shinka-Jinzai   *Demo*

- A web portal that gets data from the satellite services and utilizes AI to generate video using Google Frame Interpolation for Large Motion model to show users live data like cloud movement,temperature, humidity, etc
- **Tools**: Next.js, MongoDB, Flask (Python), OAuth 2.0, Sentry.

MedScript   *Demo*

- An AI power medical platform , to be used in operating rooms and during medical consultation , which provides an concise minutes of meeting , in depth medical notes , full transcript and much more with its advance security with authentication and storing data
- **Tools**: React.js+Vite, MongoDB, Clerk, Whisper, Vercel, Python.

Skills

Programming Languages: Java, Python, JavaScript, SQL.

Web Development: HTML5, CSS3, ReactJS, Next.js, Node.js, Flask, Express.js, Tailwind CSS, MySQL,, MongoDB, Firestore, Postman, Google Cloud, Docker, Git.

Machine Learning: TensorFlow, Scikit-Learn, Pandas, NumPy, Keras.

Soft Skills: Problem Solving, Leadership, Project Management, Presentation, Time Management, Creativity.

Achievements

- **First Place (Hackathon)**   (April 2024)
Sri Venkateshwara College of Engineering

- **Runner-up (Hackathon)**
IEEE Computer Society   (March 2024)

- **Second Runnder-up (Hackathon)**
IIIT Sricity   (Mar 2025)

Certifications & Publications

- Python for Data Science, Introduction to Industrial IoT 4.0 - **NPTEL**

- Python Foundations, Java Foundation. - **Infosys Springboard**

- Integrated Drone System for Agricultural And surveillance Detection - **Patent(filed)**