

Nagarampalli Sarvan Kumar

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Profile

Specialized in building scalable web interfaces using React.js, Next.js, and modern CSS frameworks. Focused on clean architecture, maintainable code and delivering high quality user experiences through responsive design and performance optimization

Experience

GenAI Job Simulation, Boston Consulting Group, Forage. (Link) June 2025 - June 2025

- Completed a job simulation involving AI-powered financial chatbot development for BCG's GenAI Consulting team.
- Gained experience in Python programming, including the use of libraries such as pandas for data manipulation.
- Integrated and interpreted complex financial data from 10-K and 10-Q reports, employing rule-based logic to create a chatbot that provides user-friendly financial insights and analysis.

Web Developer Intern, Shadowfox, Remote. (Link) April 2025 - May 2025

- Enhanced overall site performance by 80% through optimization of assets, reducing image size, and minimizing DOM reflows.
- Integrated Supabase for user authentication and real-time database operations, achieving data update latency as 0.02 ms.
- Practiced version control using Git with over 20+ commits, and followed agile sprints to meet weekly development targets.

Education

Amrita Vishwa Vidyapeetham, Chennai, B.Tech in Computer Science July 2022- July 2024

- Current CGPA: 9.21 (Link)
- **Coursework:** Data Structures and Algorithms, Object Oriented Programming, User Interface Design, Linear Algebra.

Ascent Classes, PM Palem, Intermediate July 2022- May 2024

- GPA: 9.59 (Link)
- **Coursework:** Mathematics, Physics, Chemistry.

Sri Chaitanya School, Madhurawada, SSC March 2021- April 2022

- GPA: 9.71 (Link)
- **Coursework:** English, Hindi, Telugu, Mathematics, Science, Social Studies.

Projects

Thief Detection Alarm (Live Link) Github Link

- Built an AI-powered thief detection alarm in Next.js, enabling real-time monitoring and intelligent motion detection with dynamic alert system and dark-themed UI.
- Tools Used: Next.js, Tailwind CSS, COCO SSD.

Java CLI Task Manager Github Link

- Developed a command-line Task Manager in Java that supports task tracking with priority and deadlines, storing data via FileWriter and exporting records to CSV format.
- Tools Used: Java.

Skills

Languages: C, Java, SQL, JavaScript, TypeScript, Python.

Technologies: Supabase, Next.js, Postman API, Git, Github, Webflow, Framer, Canva, MySQL.

Certifications

Databricks Academy Generative AI Fundamentals Certified (Link)

Postman API Student Fundamentals Expert (Link)

Hubspot Academy SEO Certified (Link)

HackerRank CSS (Basic) Certified (Link)