

# NAGARAMPALLI SARVAN KUMAR

Chennai, India | [sarvankumarnagarampalli478@gmail.com](mailto:sarvankumarnagarampalli478@gmail.com) | +91 7330673881 | [Portfolio](#) | [Linkedin](#) | [Github](#)

## Objective

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Aspiring software developer with a strong interest in building scalable and efficient systems, seeking an opportunity to apply programming, problem solving, and backend development skills while gaining hands-on industry experience and contributing to impactful real world software solutions.

## Education

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**Amrita Vishwa Vidyapeetham Chennai Campus**, B.Tech in Computer Science and Engineering 2024 - 2028 (Expected)

- Current CGPA: 9.25
- **Coursework:** Database Management Systems, Data Structures and Algorithms and Operating Systems

**Ascent Classes**, Intermediate 2022 - 2024

- Percentage: 95.9%
- **Coursework:** Mathematics, Physics and Chemistry

**Sri Chaitanya Schools**, SSC 2021 - 2022

- Percentage: 97.1%
- **Coursework:** English, Hindi, Telugu, Mathematics, Science and Social Studies

## Projects

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**Tantrotsav National Tech Fest Website | MERN Stack** [Certificate](#) [Live Link](#)

- Managed **live production deployments** on remote servers, ensuring secure transfers and **zero downtime** releases.
- Integrated **ImageKit** CDN to optimize delivery of **100+ media assets**, reducing load times by **40%**.
- Handled real-time **MongoDB** database operations, maintaining user registration updates and data consistency.
- Resolved **15+** payment discrepancies by coordinating with the **CCAvenue** payment gateway.
- The platform efficiently managed **3,500+** registrations from participants across **10** states, supporting **60+** events with secure transaction handling.

**Savynce - Price Drop Tracker | Next.js, Supabase, FireCrawl** [Github](#) [Live Link](#)

- Developed a **Full stack price tracking application** enabling users to monitor up to **3 product URLs** with automated price monitoring.
- Implemented **Google OAuth + Supabase Auth** for secure user authentication and account management.
- Integrated **FireCrawl** web scraping to extract product pricing data and support automated price comparisons.
- Implemented scheduled **cron jobs running every 6 hours** to process price updates and detect price drops automatically.
- Designed PostgreSQL backend to store and process **100+ price records/day** with Supabase Auth-based user management.

## Technologies

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**Programming Languages:** C++, C, JavaScript and TypeScript

**Web Technologies & Frameworks:** HTML, CSS, React.js and Next.js

**Developer Tools & Databases:** Git, GitHub, Postman, Visual Studio Code, MongoDB and SQL

## Achievements

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- Ranked **First** in Semester II and **Second** in Semester III of B.Tech CSE at Amrita Vishwa Vidyapeetham, Chennai.
- Secured **First Prize** – Flash 2K25 Hackathon (Jan 2025); developed an AI-powered medication reminder system with chatbot-based symptom assistance.
- **Top 20 Finalist** in Suprathon 2025, A National Level Hackathon; developed a Full Stack AI-powered Medical Suite for patients in Rural India

## Certifications

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- Postman API Fundamentals Certification ([Link](#))
- Google Gemini for University Students Certification ([Link](#))
- Databricks Academy Accreditation – Generative AI Fundamentals ([Link](#))
- HubSpot Academy Search Engine Optimization Certification ([Link](#))