

Sreyas Satheesh

7736558377 | sreyas.satheesh.official@gmail.com | sreyas.app
linkedin.com/in/sreyas-satheesh | github.com/ImSreyas

PROFILE

Full-stack developer skilled in building high-performance, low-latency web applications and scalable backend systems using React, Next.js, Node.js, Express.js, and NestJS. Proficient in TypeScript, JavaScript, Python, and Java, with a solid foundation in algorithms, data structures, and system design. Experienced in developing REST APIs, integrating SQL/NoSQL databases, leveraging Git for version control, and delivering maintainable, production-ready software aligned with engineering best practices.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C, Rust, Bash, PHP, HTML/CSS
Frameworks & Libraries: Node.js, Express.js, NestJS, React, Next.js, MERN Stack, Spring Boot, Tailwind CSS
Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis, Firebase, Supabase, OracleDB
Cloud & DevOps Tools: AWS, Docker, Git, GitHub, Linux, Vim, CI/CD, RESTful APIs, Nginx, Jest
Core Competencies: Data Structures & Algorithms, OOP, Microservices, System Design, Debugging

PROJECTS

- Bitz** (Next.js, Express, Supabase, Tailwind, Docker) 2025
 - Built a coding challenge platform featuring tier-based ranking, a dynamic point system, and a structured progression model for users.
 - Implemented containerized code execution using Docker to run user submissions in isolated environments.
 - Designed a scalable backend with Express and Supabase, enabling efficient challenge evaluation, ranking calculations, and real-time updates.
- Yuxo** (Next.js, Supabase, Tailwind) 2024
 - Developed a real-time bus route finder using mapping APIs and cached queries for fast route computation.
 - Designed a clean, mobile-responsive interface and optimized SSR/CSR for improved speed and SEO.
- TextWizard** (Flask, HTML, JS) 2023
 - Created an OCR-based text extraction tool using Flask APIs with preprocessing for cleaner recognition.
 - Built an async editing interface enabling real-time text corrections after OCR output.
- Mew** (Bash) 2024
 - Built a CLI tool for backups, dotfile sync, and Linux automation with modular command handling.
 - Improved workflow reliability through logging, configuration-based scripts, and portable Bash practices.

EDUCATION

- St Joseph's College of Engineering and Technology, Palai** 2023 – 2025
Master of Computer Applications, CGPA: 8.8
- MES College, Nedumkandam** 2020 – 2023
Bachelor of Computer Applications, CGPA: 7.5

CERTIFICATIONS & ACHIEVEMENTS

- NPTEL Online Certification: **The Joy of Computing Using Python** - Top 1% (Score: 90%)
- Participated in Magnathon 2.0, 24-hour Hackathon**, April 2024, College of Engineering, Vadakara
- 3rd Prize** – Coding Competition at Gateways 2024, Christ University, Bengaluru
- 1st Prize** – Coding Competition at Samyuktha 8.0, Saintgits College of Engineering, Kottayam
- Rust Workshop** at FOSSMeet 2024, NIT Calicut

SOFT SKILLS

Problem-Solving, Ownership, Adaptability, Collaboration, Communication, Continuous Learning

INTERESTS

Open-Source Contribution, Linux Automation