

Sai Rithwik Bejadi

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PROFESSIONAL SUMMARY

Full-Stack Engineer with internship experience shipping production-grade systems and AI-powered voice agents handling real-time multilingual inference pipelines. Proficient in Python, Node.js, and MERN stack with hands-on expertise building scalable backend services, low-latency APIs, and maintainable frontend interfaces across team environments. Open-source contributor with 40+ merged pull requests and strong foundations in system design, architecture, and backend engineering.

EDUCATION

Bachelor of Technology (AI ML) 2024 - 2028
Newton School of Technology, ADYPU Pune, Maharashtra Grade: 8.44/10.0

Intermediate (Class XII) 2022 - 2024
Narayana Junior College, Kondapur, Telangana Grade: 93.7%

Matriculation (Class X) 2021 - 2022
Bhavan's Sri Ramakrishna Vidyalaya, Sainikpuri, Telangana Grade: 84.2%

INTERNSHIPS

SDE Intern December 2025 - March 2026
NirveonX *Remote, Hyderabad*

- **Led a 3-member intern team** to build and maintain a production backend for AI chat and medicine booking systems.
- **Interviewed and evaluated** 10+ intern candidates while **handling deployments**, security checks, and issue resolution.

Frontend Developer April 2025 - June 2025
Get Interview Confidence *Remote, Kolkata*

- Shipped modular components using **Next.js**, accelerating feature delivery within a 7-member team. [LOI LOR](#)
- Built shared design system via Figma and Next.js, enforcing visual consistency and server-side rendering across 8+ pages.

PROJECTS

Voice AI Agent — Clinical Appointment Booking ([Github](#)) ([Demo](#)) February 2026

- Built a low-latency backend system (1200ms) for multilingual booking using FastAPI, Postgres locks and async pipelines.
- Engineered a real-time conflict engine eliminating 4+ booking edge cases using Postgres row locks, LangGraph, FastAPI.

Automated Timetable Scheduling System ([Github](#)) ([Demo](#)) February 2026

- A constraint-based timetable generator resolving 3+ conflict types across teacher and room allocation using Node, express.
- Designed REST APIs to automate timetable generation across 20+ slots eliminating conflicts using Express, MongoDB.

CERTIFICATIONS

Letter of Recommendation Newton School of Technology ([Link](#)) August 2025

- Provided by Newton School of Technology, Pune for serving as a maintainer in open-source summer drive - 2025

SKILLS

Computer Language: Bash Scripting, C++, CSS, HTML, JavaScript, Python, SQL, TypeScript

Courses: Data Structure

Databases & Data Tools: MongoDB, MySQL, NoSQL, PostgreSQL

AI / ML: LangChain, LLM

APIs & Testing: Event-Driven Architecture

Cloud & DevOps: Docker, Git and Github

Frameworks & Libraries: Express JS, Next.js, Node.js, Prisma ORM, React, React Native

EXTRA-CURRICULAR ACTIVITIES

Community & Open Source

- **Hacktoberfest 2024** — 8+ merged pull requests across JavaScript repositories, focused on performance and bug fixes.
- **Development Club (NST)** — Improved student-facing websites, standardizing UI patterns and frontend performance.