

NITYA SRI DEEPAK RAJ

Bengaluru, Karnataka

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EDUCATION

Bangalore Institute of Technology
Bachelor of Engineering in Computer Science

2024 - Present
CGPA: 9.5

TECHNICAL SKILLS

Coding Languages: HTML, CSS, Java, Python, JavaScript, Tailwind, React, SQL

Frameworks & Tools: Flutter, FastAPI, Node.js, GitHub, Canva, Figma, Postman

Specializations: Software Testing (Manual), Frontend Development, AI Engineering

Languages: English, Hindi, Telugu, Kannada, French

WORK EXPERIENCE

OpenIntervue

May 2025 - July 2025

Q/A Testing Intern

Remote

- Evaluated AI-driven features for accuracy and cross-platform reliability.
- Documented technical bugs and collaborated with developers for rapid resolution.

PROJECTS

PARASO | Edge AI Assistant

Edge AI, Python

- Built an offline AI assistant enabling gesture and voice-based laptop control without internet dependency.

Sukrit | Mental Wellness Platform

Next.js, FastAPI, MongoDB, AI Integration

- Developed a privacy-first wellness platform for institutions featuring anonymous counseling and role-based access.
- Implemented secure authentication and confidential chat systems to protect sensitive student data.
- **Live Application · GitHub Repository**

EduVision | Deterministic Video Generation Engine

Python, Manim

- Engineered a deterministic AI system that generates logically consistent educational videos by converting structured concepts into executable animation code.
- Implemented a code-first rendering pipeline using Manim, eliminating hallucinations common in generative video models.
- Enabled multi-domain visualization across STEM subjects with reproducible, step-accurate outputs.

ACHIEVEMENTS

- **Winner - Hackademia:** Secured 2nd place in the national-level hackathon.
- **Winner - Ideaverse:** Recognized for top innovative concept in the Ideathon competition.
- **Runner Up - Sparklab Designathon:** Secured third place for innovative UI/UX solutions.
- **Winner - IOT Exhibition:** Awarded for one of the best projects at the college IOT Project Exhibition.
- **Smart India Hackathon (SIH) 2025:** Selected for the second round of the national competition.