SAI ANSH RAJ SIRIGIRI

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EDUCATION

Swami Vivekananda Institute of Technology   **Sept 2022 - May 2026**
B. Tech, Computer Science

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, SQL, C/C++, Bash
Web Development: React.js, Next.js, Express, Node.js, REST APIs, Tailwind CSS, Bootstrap
Databases: PostgreSQL, MySQL, MongoDB, Redis
Tools: GitLab, IntelliJ, Postman,GitHub, Debugging Tools
Core Concepts: Data Structures & Algorithms, Database Management, System Design, OOPS
AI/ML: Machine Learning

PROFESSIONAL EXPERIENCE

Swecha Telangana ⚲   **May 2024 – June 2024**
Software Development Intern   *remote*
- Developed **local language-to-English translation system** using **Python**, **NumPy**, and **AI/ML algorithms**.
- Collected and processed real-time local language datasets to train **machine learning models**.
- Contributed to open-source **language technology project** at **Swecha** organization.

Motion cut   **Oct 2024 – Nov 2024**
Frontend Web Development Intern   *remote*
- Built user-focused web applications with emphasis on performance and user experience optimization.
- Developed responsive web interfaces using modern frontend technologies and frameworks.
- Demonstrated exceptional technical aptitude in frontend development practices and methodologies.
- Delivered outstanding project results through dedicated commitment to web development excellence.

PROJECTS

IndiCamp — Fullstack Web Application | *Express, Node.js, MongoDb, JavaScript* ⚲   **Sep 2025**
- Developed **IndiCamp**, a campground web application using **Node.js**, **Express**, and **EJS** for server-side rendering.
- Deployed the application on **Render** for scalable and reliable hosting.
- Designed and integrated **MongoDB/Mongoose** database models for efficient data management.
- Implemented user authentication and session management using **Passport.js**, **sessions**, and **flash messages**.
- Secured the application with **Helmet** and **mongo-sanitize** to prevent common web vulnerabilities.
- Integrated **Cloudinary API** for image storage and **Maptiler API** for interactive maps.

Spotify — Clone | *HTML, CSS, JavaScript*⚲   **Feb 2025**
- Built a **Spotify Clone** that runs locally, replicating core music player functionalities.
- Developed the user interface using **HTML**, **CSS**, and **JavaScript**.
- Implemented interactive features such as play, pause, seek, and playlist management for an engaging user experience.
- Focused on responsive design and smooth UI/UX to closely mimic the original platform.

ACHIEVEMENTS

Full Stack Developer Certification - Successfully completed from One Roadmap (Aug 2025).
Java Fundamentals Certification - Earned Certificate of Excellence from Scaler (Aug 2025).
Frontend Web Development Internship - Completed a one-month internship at Motion Cut, building responsive applications.
Swecha Contribution - Participated in open-source and community-driven development initiatives.
Gold Medal Winner - Led school Kabaddi team to victory in inter-school competition (45–50 kg weight group).