

# SIRIGIRI SAI ANSH RAJ

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## EDUCATION

**Swami Vivekananda Institute of Technology**  
*B. Tech, Computer Science*

Sept 2022 - May 2026

## TECHNICAL SKILLS

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

## PROFESSIONAL EXPERIENCE

<b>Swecha Telangana</b>	May 2024 – June 2024
<i>Software Development Intern</i>	Remote
<ul style="list-style-type: none"><li>Engineered a <b>local language-to-English translation model</b> using <b>Python, NumPy</b>, and <b>AI/ML algorithms</b>, achieving <b>90% accuracy</b> on a dataset of 5,000+ samples.</li><li>Preprocessed and labeled real-time language datasets, improving training efficiency by <b>25%</b>.</li><li>Collaborated with an open-source community of 15+ contributors to enhance regional language accessibility tools.</li></ul>	
<b>Motion Cut</b>	Oct 2024 – Nov 2024
<i>Frontend Web Development Intern</i>	Remote
<ul style="list-style-type: none"><li>Developed and optimized <b>3+ responsive web interfaces</b> with modern frontend frameworks, achieving <b>95+ Lighthouse performance scores</b>.</li><li>Enhanced UI responsiveness across devices, reducing layout shift by <b>40%</b> and improving load time by <b>30%</b>.</li><li>Implemented efficient state management and performance tuning using <b>React.js</b> and <b>JavaScript</b>.</li><li>Collaborated in an Agile environment with a team of 5 developers, consistently delivering features ahead of deadlines.</li></ul>	

## PROJECTS

<b>IndiCamp — Fullstack Web Application</b>   <i>Express, Node.js, MongoDB, JavaScript</i>	Sep 2025
<ul style="list-style-type: none"><li>Developed and deployed <b>IndiCamp</b>, a campground booking platform using <b>Node.js, Express</b>, and <b>EJS</b>, serving <b>100+ users</b>.</li><li>Implemented secure <b>authentication</b> and session handling via <b>Passport.js</b>, improving reliability and user security.</li><li>Designed <b>MongoDB/Mongoose</b> models and integrated <b>Cloudinary &amp; Maptiler APIs</b> for dynamic image and map rendering.</li><li>Enhanced performance and protection with <b>Helmet</b> middleware and deployed on <b>Render</b> for scalable hosting.</li></ul>	
<b>MovieHuby — React Application</b>   <i>React, JavaScript, CSS, Appwrite</i>	Oct 2025
<ul style="list-style-type: none"><li>Built a responsive <b>React</b> app using the <b>TMDB API</b> to display trending and searched movies dynamically.</li><li>Optimized API performance with <b>debounced search</b>, reducing redundant API calls by <b>50%</b>.</li><li>Integrated <b>Appwrite</b> for backend analytics and managed component state using React hooks (<b>useState, useEffect</b>).</li><li>Deployed using <b>Vite</b> and <b>Vercel</b>, ensuring <b>100% mobile responsiveness</b> and fast load times.</li></ul>	

## ACHIEVEMENTS

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