

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
Web Development: React.js, Next.js, Node.js, Express, REST APIs, Tailwind CSS, Bootstrap
Databases: PostgreSQL, MySQL, MongoDB, Redis
Tools: GitHub, GitLab, Appwrite, Postman
Core Concepts: Data Structures & Algorithms, Database Management System, OOPS

PROFESSIONAL EXPERIENCE

MURB <i>Tech Developer Intern</i>	Nov 2025 – Present
<ul style="list-style-type: none">Collaborated in a 5-member team to build frontend features supporting MURB's expansion into the e-commerce/merchandise domain.Replicated 6+ UI sections of MURB's official website, focusing on visual consistency and reusable components.Integrated 10+ form fields using React Hook Form and Zod for type-safe validation.Delivered responsive UI components compatible across desktop and mobile devices using React, TypeScript, Tailwind CSS, and Lucide icons.	Remote
Motion Cut <i>Frontend Web Development Intern</i>	Oct 2024 – Nov 2024
<ul style="list-style-type: none">Developed and optimized 3+ responsive web interfaces with modern frontend frameworks, achieving 95+ Lighthouse performance scores.Enhanced UI responsiveness across devices, reducing layout shift by 40% and improving load time by 30%.Implemented efficient state management and performance tuning using React.js and JavaScript.Collaborated in an Agile environment with a team of 3 developers, consistently delivering features ahead of deadlines.	Remote

PROJECTS

Velox — Secure Real-Time Chat Application <i>Next.js, TypeScript, Elysia, Redis (Upstash), Tailwind CSS</i>	Feb 2026
<ul style="list-style-type: none">Developed a secure real-time chat platform enabling private communication using unique room IDs, cryptographic access keys, and ephemeral room sessions.Built and deployed 10+ REST API endpoints using Elysia and TypeScript, supporting realtime messaging, room validation, and lifecycle management.Implemented client-side end-to-end encryption (AES-GCM, PBKDF2) and Redis pub/sub, ensuring encrypted payload storage and sub-second message delivery.Integrated Redis TTL and secure access control, enabling automatic room expiration and preventing unauthorized access, deployed on Vercel with cloud-hosted Redis.	
Buyza — Ecommerce Web Application (Ongoing) <i>Next.js, TypeScript, Tailwind CSS</i>	Jan 2026 – Present
<ul style="list-style-type: none">Built the client-side UI for 15+ reusable components of an ecommerce application using Next.js, React, and TypeScript.Integrated form validation for multiple user inputs using React Hook Form with Zod resolver.Maintained global state for cart and UI interactions using Zustand.Currently developing an admin panel with shadcn/ui to support product and order management.	

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).