

Sarvjeet Swanshi

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Education

Indian Institute of Information Technology, Sri City

B.Tech in Computer Science - 7.94 CGPA

Chittoor, Andhra Pradesh

August 2023 - Present

Technical Skills

Languages: C++, Java, JavaScript, Typescript, Python

Frameworks / Libraries: NodeJS, React, NextJS, Express, Prisma, Tailwind CSS, UploadThing, MUX

Developer Tools: Git, GitHub, Postman, Figma, Prisma Studio

Databases: MongoDB, PostgreSQL, MySQL

Cloud / Deployment: AWS, Azure, Vercel, Render, Railway

Experience

MERN Stack Developer Intern – Avijo [🔗](#) (Remote)

Jul 2025 – Sept 2025

- Delivered one of the core MVP modules for Avijo Alpha, taking ownership from development to production readiness and ensuring alignment with product requirements.
- Built and maintained scalable MERN-based platform, designing and optimizing RESTful APIs for core backend features including service edit/delete workflows, appointments, reviews, and profile management.
- Led backend fixes and enhancements for critical production systems including Google Authentication, HPR/HFR routing, and user registration, while implementing end-to-end doctor and facility booking workflows covering search, booking, confirmation, rescheduling, and online consultations
- Enhanced application stability and user experience by resolving production issues and UI bugs, while collaborating with cross-functional teams via Git workflows and contributing to code reviews

Projects

GoHire [🔗](#) | *Node, Express, MongoDB, React, JWT, REST API, GraphQL, CI/CD, Apache Solr*

- Built a full-stack job portal enabling applicants to apply for jobs/internships and recruiters to post/manage listings, architected as a microservices-based, multi-server system with 3 independent applications (Admin, Recruiter, Applicant).
- Designed a scalable backend using Node.js/Express and MongoDB, implementing a multi-database architecture (3 isolated databases) to ensure data isolation and reliability across services.
- Developed and integrated 110+ REST APIs along with GraphQL and SOAP services to support flexible client interactions and independent workflows across applicant, recruiter, and admin systems, with a CI pipeline for automated testing.
- Implemented secure authentication and authorization using JWT and Bcrypt with role-based access control (RBAC), along with support for two-factor authentication (2FA) and premium feature access.
- Built full-stack features including job search, applications, tracking, company verification, notifications, and admin analytics; optimized search using Apache Solr, improving query performance by 40%, and implemented GridFS-based storage.

Cloud Class [🔗](#) | *Next.js, React, TypeScript, Prisma, Stripe, Mux, Clerk*

- Developed a full-featured, scalable LMS for students and instructors with a modern, responsive UI.
- Student Mode: Implemented course browsing and filtering, secure payments via Stripe, progress tracking, personalized dashboard, and HLS-based video streaming using Mux.
- Instructor Mode: Built tools for course and chapter creation, content management, analytics dashboard, media uploads (thumbnails, videos, attachments), and authentication using Clerk.

InstaGenie [🔗](#) | *NextJS, MongoDB, Gemini API, Express, Node.js, Stripe, Typescript*

- Built an AI-driven platform for Instagram content creation, providing services for posts, stories, and reels including captions, hashtags, music recommendations, AI photo selection, and comment suggestions with replies
- Implemented a custom credit-tracking and monetization system integrated with a Stripe payment gateway.
- Developed a responsive user dashboard and secure authentication functionality using Next.js App Router and TypeScript.

Achievements and Certificates

- Achieved 1650+ rating on LeetCode and solved 700+ problems across multiple platforms including Codeforces and GFG.
- Internship Completion Certificate and Letter of Recommendation - Avijo [🔗](#)
- Certificate of Completion of course - Complete Web Development Bootcamp - Udemy (By Angela Yu) [🔗](#)

Responsibilities

- **Tech Team (2025–2026):** Designed and maintained institute event websites with responsive UI/UX; contributed to Utkrishta and Abhisarga (Annual Fest) by implementing key features and improving functionality.
- **FSD Team Lead (Jan 2025 – May 2026):** Led a team of 5 for Full Stack Development, driving project execution and mentoring developers across frontend and backend tasks.