

Samyak Ajmera

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Education

B.Tech in Electrical Engineering

2022 - 2026

Shri G.S. Institute of Technology and Science, Indore

Experience

PixelTech

April 2024 – June 2024

Software Development Engineer Intern

On-Site

- Developed scalable and responsive user interfaces using **React.js** for both client-facing products and internal tools.
- Worked on real-world projects, contributing to production-ready code, UI performance, and feature development.
- Utilized state management tools like **TanStack Query** and **Redux**, and implemented component libraries such as **Chakra UI** and **ShadCN** to build consistent and modular UIs.

Projects

Collaborative Rich Text Editor [Github Link](#) | [Deployed Link](#) (Dec'24 - Jan'25)

Tech Stack: React, Next.js 15, Tailwind CSS, Radix UI, Tiptap, Liveblocks, Clerk, Shadcn UI

- Developed a feature-rich collaborative text editor enabling real-time collaboration with advanced formatting and editing capabilities.
- Implemented functionalities like comments, mentions, notifications, and role-based workspace management.
- Integrated image uploads, table support, and document export options in multiple formats (PDF, HTML, TXT, JSON).
- Enhanced the editing experience with tools like font styles, undo/redo history, margin controls, font colors, and template gallery.
- Ensured secure user access via Clerk authentication and optimized UI using Shadcn UI and Tailwind CSS.

GS-Academia (Ed-Tech Platform) [Github Link](#) | [Deployed Link](#) (June'24 - July'24)

Tech Stack: React.JS, Node.JS, Express.JS, MongoDB, Cloudinary-API

- Designed and developed an intuitive EdTech platform for SGSITS, Indore, with a clean and responsive user interface used by 50+ active students and instructors.
- Built interactive course pages for 3 subjects, integrating video content, notes, and review sections with a user-friendly layout.
- Created dynamic dashboards for 3 instructors and 45+ students to track progress, view enrollments, and manage course materials.
- Integrated media upload and display features using Cloudinary, managing 100+ images and videos across the platform.
- Implemented smooth and secure course purchase experience using Razorpay with clear UI feedback and confirmation messages.
- Enhanced user engagement through automated, branded email notifications designed using custom templates.

Skills

Languages: C, JAVA, HTML/CSS(Tailwind), JavaScript, MongoDB

Technologies: React.js, Node.js, Express.js, Next.js, Tailwind CSS

Developer Tools: Git, GitHub, VS Code, Eclipse, Postman, MongoDB

Operating Systems and Software: Windows, Replit, Canva, Figma

Cloud Technologies: Vercel, Cloudinary

Soft Skills: Team Collaboration, Problem Solving, Communication

Coursework

Data Structures and Algorithms

Data Base Management System

Object-Oriented Programming (JAVA)

Achievements and Co-curricular Activities

- Solved 200+ DSA Problems: Demonstrated proficiency in Data Structures and Algorithms by solving over 300 problems across various platforms.
- Stood 2nd in Judicia, a competition organized by *Ojaswa - The Personality Development Club, SGSITS*, where we shot creative ads for real brands.
- Represented my school in multiple inter-school chess tournaments.