

B.Tech in Biological Sciences and Bioengineering, 2021 - Present	6.3/10
CBSE (Class XII)	88.4%
CBSE (Class X)	89.8%

Experience

- Software Developer Intern | Basys.ai

Dec'24 - Present

Techstack: Next.js, NestJS, FastAPI, AWS, openai API

Implemented file uploading to S3 from the client side using presigned URLs, ensuring AWS credentials were not exposed to the client.  
Refactored the NestJS backend to enhance developer productivity and optimized database queries to reduce response time.  
Developed robust system prompts and made a pipeline with langchain to automate the prior authorization process using AI.
- Full Stack Web Developer Intern | Happy Plum

Aug'24 - Nov'24

Techstack: React, Redux, ExpressJS, MongoDB, AWS (EC2, CDN, S3)

Built the MVP of the product using **React**, **Redux**, **ExpressJS**. Implemented secure user authentication with **JWT** and **cookies**.  
Developed a **mandarin-speaking chatbot** utilizing the **OpenAI API** and **react-speech-recognition** library, integrated it into the platform resulting in enhancement of student engagement and retention.
- Full Stack Web Developer Intern | iBrew-Hub Technologies

May'24 - Jul'24

Techstack: NextJS, PostgreSQL, Prisma, Typescript

Optimized backend queries and database interactions, resulting in a **significant reduction in server response time**.  
Integrated efficient state management practices to reduce unnecessary component re-renders, resulting in a **decrease in server requests**.  
Improved frontend performance by implementing techniques like **debouncing**, **lazy loading** and **pagination**.

Personal Projects

- Teledrive - Telegram storage service | Github | Website

(React, ExpressJS, MongoDB, JWT, Telegram API, Recoil)

File storing service using Telegram's API, stores files on your telegram account
- Soothy - Music web app | Github | Website

(MERN, cloudinary)

Music listening app with admin panel to upload songs and albums. Integrated chatting feature. DO TRY! :)
- Loop - Online Code Editor | Github | Website

(NextJS, Clerk, Convex, Pro subscription feature )

Online code editor with 10 languages support, pro plan to unlock all languages
- Meetez - Interview Platform | Github | Website

(NextJS, Clerk, Convex )

Interviewing platform with video call and screen share feature, integrated coding platform
- Driplekart - E commerce Platform | Github | Website

(MERN, Redis, Stripe)

E-commerce application with stripe integrated for payments and redis for caching JWT tokens
- Staytune - Social Media Platform | Github | Website

(Postgres, Prisma, NextJS, Clerk, Cloudinary)

Social Media App with features like Notifications, Follow, Like
- Edumy - Learning and Course management | Github | Website

(Next.js, AWS (Lambda, DynamoDB, ECR, S3), Redux, Stripe)

Udemy like course creation platform with feature to create various sections for course and upload videos. Fully deployed on AWS.
- Restaurant Management System - Backend | Github

(Golang, Gin, JWT, MongoDB)

Highly modular and clean code for backend of restaurant management system in Golang
- Invy - Inventory Management Application | Github | Website

(Postgres, Express, React, Zustand)

Inventory management app with rate limiting and bot detection, multiple theme options in frontend

Positions of Responsibility (PORs)	Online Certifications
<div>CodeCraft Project Mentor - BioSoc IITK Web Vertical Co-ordinator - BioSoc IITK Web Organiser - Antaragni IITK</div>	<div>SCRIMBA - Frontend Developer Career Path   Certificate Link 100xDevs - Web Development Cohort   Certificate Link</div>

Technical Skills

- Programming Languages: Javascript, Typescript, Python, Golang

Frameworks and Libraries: ReactJS, NextJS, Tailwind, Flask, Django, Gin, ExpressJS, Firebase, Appwrite, Mongoose ODM, Redux, Recoil, Zustand, Prisma ORM, JWT, Socket.io, React Query, Axios, Zod, NextAuth.js, Tailwind, Web3.js

Databases: MongoDB, PostgreSQL, Redis

Cloud: AWS(EC2, S3, CDN, RDS), Cloudflare, Serverless

Others: Github CI/CD, Solana Blockchain, Docker, Websockets, WebRTC