

Swapnil Sachan

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Bachelor of Technology

Chandigarh University, Punjab

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🐙 [GitHub Profile](#)

🌐 [LinkedIn Profile](#)

EDUCATION

- **Chandigarh University** 2021-25
Bachelor of Technology in Computer Science and Engineering CGPA: 8.11
- **Ramshree Public School, Orai - Senior Secondary** 2021
Central Board of Secondary Education (C.B.S.E) Percentage: 76
- **Gulmohar Public School, Kanpur - Secondary** 2019
Central Board of Secondary Education (C.B.S.E) Percentage: 95.3

PERSONAL PROJECTS

- **CollegeNotes & CollegeBlog**
A website & blog built for university students.
 - It provides notes, study materials like PYQs, etc. to college students.
 - Has features like favoriting of subjects & notes bookmarking.
 - CollegeBlog is a sub-section of the website where blogs related to students' interests are posted.
 - **Technology Used:** React, NextJS, Tailwind CSS, Prisma, MongoDB, NextAuth, Amazon S3.
- **ContextPDF**
AI - powered chatbot which takes context from user's document
 - The AI assistant uses the OpenAI API to generate responses based on the chat context.
 - The application also includes a subscription feature, for access to premium features, implemented using Stripe.
 - Concepts like Edge Runtime & Retrieval Augmented Generation are used.
 - **Technology Used:** LangChain, OpenAI API, PineconeDB, AWS S3, NeonDB, DrizzleORM, NextJS, etc.
- **reCourse**
A video lectures based learning platform.
 - It is a video lectures-based education platform where creators can create their courses and upload lectures and the learners can access those courses under a unified subscription plan.
 - **Technology Used:** ReactJS, Chakra UI, React Router, ExpressJS, NodeJS, MongoDB, Cloudinary.

EXPERIENCE

- **MERN Stack Instructor** May 2023 - June 2023
CodeFeast Online
 - In-depth understanding of React, ExpressJS, NodeJS, MongoDB, Mongoose and more was required for the completion of this internship.
 - Taught students about fundamentals of web development and foundations to modern-day web development.
 - Developed and delivered engaging and informative lessons in text & video formats alike.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, TypeScript, HTML & CSS

Web Dev Tools: React, NodeJS, Express, Postman, Docker, Git, Github

Frameworks: NextJS

Cloud/Databases: MongoDB, Relational Database (MySQL), Prisma

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Object Oriented Programming, Database Management System, Software Engineering.

Soft Skills: Problem Solving, Self-learning, Time Management, Adaptability

ACHIEVEMENTS & CERTIFICATIONS

- **Drove website traffic using various SEO techniques** *CollegeNotes website* 2022 - Present
 - Learnt about on-page and off-page SEO, which I'm learning till now.
 - Drove traffic to my website resulting in 45k page views.
- **IBM Full Stack Developer Specialization** *Coursera, Online* June - July 2023
 - Enhanced my knowledge in web development.
 - Learnt many technologies related to software development like containerization, micro-services, serverless, etc.