

# SANGHRAKSHIT GAUTAM

Dehradun, Uttarakhand 248005

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## EDUCATION

**Dr. B.R. Ambedkar National Institute of Technology Jalandhar**  
*B.Tech in Computer Science and Engineering | 2021 - 2025*

Jalandhar, Punjab  
*CGPA: 7.21*

## EXPERIENCE

### SCHOOL HACK

June 2024 - July 2024

#### DevOps Intern

REMOTE

Deployed applications to production using Azure Kubernetes Service (AKS) and implemented CI/CD pipelines with Azure DevOps for over 5 applications, improving deployment efficiency and reliability.

## SKILLS

- **Programming Languages:** C/C++, TypeScript, JavaScript, SQL
- **Web Technologies and Frameworks:** Next.js, Node.js, React, Express, Turborepo, TailwindCSS
- **Libraries and Tools:** NextAuth, WebSockets, WebRTC, Zod
- **Containerization and Orchestration:** Docker, Kubernetes, CI/CD
- **Database Management Systems:** PostgreSQL, MongoDB, Prisma, Redis
- **Cloud and Deployment Services:** Amazon Web Services, Azure
- **Developer Tools:** VS Code, Git, GitHub, Postman

## PROJECTS


### CryptoxAI | Next.js, Nodejs, Express, Prisma, Docker, Kubernetes, CI/CD

2024

- Developed a crypto exchange integrating 2 Node.js microservices and an ML microservice, contributing to full-stack development and DevOps in a collaborative hackathon project.
- Dockerized the application and launched it using Kubernetes clusters with 2 worker nodes and a control plane, ensuring scalability and security.
- Engineered backend logic for the web application, emphasizing secure authentication with NextAuth.js and integration with microservices.

### NexMeet | Next.js, Stream Video SDK, NextAuth, Postgres, Prisma, Zod

2023 - 2024

- Engineered a robust video conferencing application using Stream Video SDK and Next.js, supporting real-time communication for over 10 concurrent users.
- Implemented seamless meeting creation and joining features to significantly enhance user experience.
- Fortified data security using NextAuth.js for robust user authentication and authorization.
- **Application Preview:** 

### Walletify | Turborepo, Next.js, Node.js, React, Express, Prisma




2024

- Led the development of a digital wallet platform, centralizing workflows using Turborepo.
- Unified project components by integrating 3 Node.js microservices and 2 Next.js full-stack applications, streamlining the development process and improving scalability.
- Enhanced data integrity and secured data access using PostgreSQL and Prisma, implementing NextAuth for robust user authentication, significantly reducing unauthorized access attempts.

## COURSEWORK

- Data Structures and Algorithms
- Object-Oriented Programming
- Database Management System
- Operating Systems
- Computer Networks

## CERTIFICATIONS/ACHIEVEMENTS

- Winner of the On-Demand x NITJ Hackathon 2024, organized by NITJ and AIREV, for developing AI-centric plugins, competing against over 15 teams.
- Solved 500+ data structures and algorithm problems on LeetCode and other coding platforms. 
- Earned certification from 100xDevs Cohort 2, mastering the MERN stack, DevOps practices, system design, and contributing to open source. 
- Certification in Fundamentals of Operating Systems to advance software application efficiency. 
- Certified in Azure Kubernetes Service, Azure DevOps, and Terraform. 