

# Aditya Parmar

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## EDUCATION

**Thapar Institute of Engineering and Technology, Patiala**

*Bachelor of Engineering in Computer Engineering*

CGPA: 9.20

Sep. 2021 – Jun. 2025

**City Montessori School, Lucknow**

*PCM – ISC, XII*

97.5%

Apr. 2020 – May. 2021

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, C++, JAVA, Go, Python

**Frameworks & Libraries:** React, Node.js, Next.js, Spring Boot, Angular, Redux, GRPC

**Databases:** MongoDB, PostgreSQL, Firebase, MySQL, Oracle

**Developer Tools:** Git, Docker, AWS, Kubernetes, GCP, Kafka, Jenkins

## EXPERIENCE

**JP Morgan and Chase** | *SEP Intern*

Jun. 2024 – Aug. 2024

- Engineered micro-service endpoints using **Spring Boot**, enhancing testing efficiency and workflow
- Executed comprehensive unit and integration tests which increased the service's test coverage by **12%**
- Developed the user interface using **Figma** and **React**, enhancing user experience for the application

**SportJacks** | *Backend Engineer*

Aug. 2023 – Oct. 2023

- Designed and implemented back-end architecture in Node.js, reducing average latency of the application by **24%**
- Migrated services from self-managed containers to AWS Lambda functions, reducing server costs by **40%**
- Optimized the user interface, implementing changes which reduced website's bounce rate by **14%**

**Mindgate** | *SDE Intern*

Jun. 2023 – Aug. 2023

- Analyzed UPI infrastructure, gaining valuable insights into the field of financial product development
- Modeled API in Spring Boot and achieved a **40%** increase in test coverage through extensive **Mockito** testing
- Collaborated with the front-end team to implement designs in **AngularJS** boosting user-engagement by **20%**

## PROJECTS

**Hostel Management System** | *Next.js, GoLang, PostgreSQL, Kubernetes*

Jan. 2024 – May. 2024

- Spearheaded creation of official application, catering to hostel allocation & management of **10,000+ students**
- Deployed micro-services to scale web socket application, reducing peak server load by over **80%**
- Architected design reducing paperwork and operational costs of running hostels by more than **15%**

**Society Permissions Portal** | *Next.js, TypeScript, Django, PostgreSQL*

Feb. 2023 – Oct. 2023

- Initiated, researched and automated college's complex event permission procedures, reducing approval time by **50%**; adopted by college and used by **20+ societies**
- Co-developed a visually appealing and user-friendly interface, improving user satisfaction by **80%**

## POSITION OF RESPONSIBILITY

**General Secretary**

*Creative Computing Society*

May. 2023 – May. 2024

TIET, Patiala

- Directed a team of 100 students planning and executing events that garnered participation of **5000+** students
- Managed the development of 10+ cutting-edge applications utilizing **ML, AR, 3D technologies**, etc
- Founded** a community and conducted 10+ sessions on Data Structures and Algorithms for **2000+** students

## ACHIEVEMENTS

**Leetcode**: Among the **top 4%** accounts with **800+** questions and an ongoing streak of over **450 days**

**CodeChef**: Secured **1650+** rating and earned a **3-star** status with personal best contest rank of **64**

**Code For Good Finalist**: One of the **24** teams pan India to qualify for the **all-India hackathon** finals

**Grant Award**: Secured a **14 lakh** grant and was chosen to lead a team for designing project end-to-end for **10k+** users