Aditya Parmar

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# Education

## Thapar Institute of Engineering and Technology, Patiala CGPA: 9.20

*Bachelor of Engineering in Computer Engineering Sep. 2021 – Jun. 2025*

## City Montessori School, Lucknow 97.5%

*PCM – ISC, XII 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 [](https://hosmas.ccstiet.com/)** *| Next.js, GoLang, PostgreSQL, Kubernetes Jan. 2024 – May. 2024*](https://hosmas.ccstiet.com/)

* 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 [](https://society-permissions.thapar.edu/)** *| Next.js, TypeScript, Django, PostgreSQL Feb. 2023 – Oct. 2023*](https://society-permissions.thapar.edu/)

* 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** *May. 2023 – May. 2024*

*Creative Computing Society 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**](https://leetcode.com/adityaparmar9813/): Among the **top 4%** accounts with **800+** questions and an ongoing streak of over **450 days** [**CodeChef**](https://www.codechef.com/users/aparmar9813): 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