

# Varun Punia

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## EDUCATION

### Maharaja Agrasen Institute of Technology

B.Tech. - Computer Science and Engineering - GPA : 8.84/10.0

Rohini, New Delhi

Dec 2021 – Present

## WORK EXPERIENCE

### SDE Intern

May 2024 - June 2024

*Preplaced*

*Gurugram, Haryana*

- Developed the **landing page** and enhanced both **mentor and mentee dashboards** for Preplaced, improving user engagement resulting in a **2% increase** in the likelihood of acquiring **Long Term Mentee (LTM)**.
- Gained proficiency in **Figma, Mixpanel, Firebase, Slack, Linear, Notion** and **Airtable** while navigating a large, complex codebase and collaborating with senior developers.

### Teaching Assistant

Sep 2023 - Mar 2024

*Coding Blocks*

*Pitampura, New Delhi*

- Provided comprehensive support to **200+ students**, resolving inquiries and elucidating complex concepts in DSA.
- Compiled a comprehensive **LeetCode sheet** encompassing **200+ questions** covering every topic of DSA complete with expected **time and space complexities**, **editorial and personal solution links**, and **detailed hints**.

## TECHNICAL SKILLS

- Programming Languages:** Python, C/C++, JavaScript, TypeScript, Basics of SQL, Basics of Java
- Frontend Development:** HTML, CSS, Bootstrap, Tailwind CSS, DaisyUI, MaterialUI, React.js, Redux, Next.js, Chart.js
- Backend Development:** Node.js, Express.js, MongoDB Compass, MongoDB Atlas
- Tools/Technologies:** VS Code, Git, GitHub, Postman, Canva, Notion, Mixpanel, Figma, Cloudinary, Vercel, Render

## ACHIEVEMENTS

- Led the team to secure **2nd** position in the Refine Case Study Challenge, earning a cash prize of **INR 100** for outstanding performance.
- Achieved departmental **rank 1** in the 1st semester with a stellar GPA of **9.860**, departmental **rank 10** in the 2nd semester with a commendable GPA of **9.660** and departmental **rank 6** with a GPA of **9.368**
- Achieved **state rank 150** in the **International Olympiad of Science**, earning a **silver medal** for exemplary performance.
- Solved **1000+** DSA questions across multiple platforms, demonstrating proficiency in **problem-solving skills**.

## PROJECTS

### StudyNotion - Learn Anything, On Your Schedule [🔗](#)

[Live site](#)

- Developed **scalable ed-tech platform** using **ReactJS, NodeJS, ExpressJS**, and **MongoDB** with **client-server architecture**.
- Implemented **user authentication, course management, cloud media** and **payment gateway** integration with **Razorpay**.
- Developed **RESTful APIs** for seamless front-end and back-end communication using **JWT** and **Bcrypt**.
- Designed and implemented **MongoDB NoSQL database** for efficient storage of diverse data types and scalability.
- Optimized database schema for **efficient query performance** and **data retrieval** with **Mongoose** for better results.

### Simpli-law - Your AI Legal Assistant [🔗](#)

[Live site](#)

- Developed cutting-edge **legal AI assistant** for **SIH-2023**, providing **easy access to legal guidance and information**.
- Offered vast database of **Indian constitution, cases, and amendments** for **reliable and up-to-date** information always.
- Implemented **Google authentication, user modes** and **secure access features** for safe and personalized user experience
- Ensured easy access to legal information, **eliminating need for direct lawyer consultation** thus saving time.

### Ecomzy - Shop With Ease Only on Ecomzy [🔗](#)

[Live site](#)

- Created a **responsive e-commerce site** with **React, Redux**, and **Tailwind CSS** for **optimal user experience**.
- Utilized Redux for efficient **state management** in React, ensuring **scalability** and **maintainability**.

## EXTRACURRICULAR

### Core Team Lead

Jan 2022 - Present

*Entrepreneurship and Development Cell - MAIT*

### Member

Jan 2022 - Present

*Google Developers Student Club - MAIT*