

# Dhruv Saini

Rohini, New Delhi

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## EDUCATION

### VIT Bhopal University

2022 – 2026

B.Tech - Computer Science and Engineering - **CGPA - 9.12**

Bhopal, Madhya Pradesh

### Bal Bharati Public School

2020 – 2022

Central Board of Secondary Education(XII) - **Percentage - 94**

Pitampura, New Delhi

### Bal Bharati Public School

2008 – 2020

Central Board of Secondary Education(X) - **Percentage - 92.4**

Pitampura, New Delhi

## EXPERIENCE

### Hacktoberfest Open Source Program

Oct 2024 - Nov 2024

Worked on the Wildguard repository during Hacktoberfest and Collaborated with developers

- Pull Requests: Successfully merged 4 pull requests focused on CSS, JavaScript, and frontend enhancements.
- UI/UX: Enhanced 3+ user interface components, increasing overall usability and design consistency.
- Optimization: Reduced loading time by optimizing frontend assets, increasing loading speed by 30% .
- Engaged with the community to understand the working of real time projects, achieved Level 2 status.

## PROJECTS

### Book Store ↗ | Nodejs, Express, Firebase, MongoDB, Redux

Nov 2024

- Designed a responsive e-commerce like platform for selling books with full CRUD operations.
- Integrated debouncing in search and throttling in API calls to enhance performance and reduce server load by 25%.
- Utilized MongoDB aggregation pipelines to enable efficient filtering and support for future analytics in admin Page.

### Dominion Fc. - Football Squad Prediction ↗ | Express, Flask, Reactjs, Redux, NeonDb, Firebase

Feb 2025

- Engineered a web app to generate optimal playing XI using ML and linear programming, improving efficiency by 85%.
- Predicted player ratings and auction prices using regression models on 40k+ football players.
- Optimized team selection within budget and role constraints using PuLP, enhancing selection accuracy.
- Built a GenAI-powered assistant to help users navigate team selection and explore optimal lineups interactively
- Developed responsive UI with players dashboard using React, Tailwind and Redux, increasing user interaction by 40%.
- Implemented admin dashboard for adding and marking players as sold using socket.io

### HealthPlum ↗ | Express, React, PostgreSQL, MongoDB

Feb 2025 - Ongoing

- Developing a platform for healthcare appointment scheduling with real-time doctor availability and OPD timings.
- Designed and implemented frontend interface for seamless online consultations.
- Enhanced user experience by reducing reliance on multiple platforms.

## TECHNICAL SKILLS

**Languages:** Python, C++, JavaScript, Typescript, SQL

**Technologies/Frameworks:** Nodejs, React, MongoDB, Prisma, Express, Flask, Tailwind, Firebase, Socket.io, Redux Toolkit

**Developer Tools:** Figma, Git, Shadcn, VS Code, Jupyter, Canva, Excel, PowerBi

**Deployment:** Vercel, Render

## CERTIFICATIONS

- Applied Machine Learning In Python - University Of Michigan
- Full Stack Web Development Course - 100xdevs
- Machine Learning Bootcamp - DevTown
- CodeKaze Contest Round 2 - Code Studio

## ACHIEVEMENT AND EXTRACURRICULARS

- Mentored students in offline sessions on C++ and DSA fundamentals.
- Finalist, Deloitte Hackspllosion Hackathon 2025 – Among top 15 teams from 2800+ teams.
- Solved 1000+ Data Structures and Algorithm problems across different coding platforms.
- 5 star coder in C++ and 3 star coder in Python on HackerRank.

Nov 2023