

# DIVIT JAIN

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## Summary

Computer Science Engineering student with strong experience in **full-stack web development** using **MERN** stack and **Next.js**. Skilled in building backend systems, **REST APIs**, **authentication**, and **database-driven applications**. Contributed as a **backend developer** to an **international** healthcare digitization project. Strong foundation in **Data Structures**, **Algorithms**, and backend **system design**.

## Education

**MIT - Art, Design and Technology, University of Pune , India**

**2023 - 2027**

(expected)

• CSE | CGPA: **9.16**

**Bhaskar Academy India**

**2022 - 2024**

• CBSE (Class XII), Aggregate: 72%

**Podar International School, India**

**2014 - 2022**

• CBSE (Class X), CGPA: 8.8

## Skills

MongoDB | Express.js | React.js | Node.js | Next.js | Typescript/Javascript | MySQL | Tailwind | Java | C++ | Git | Web Development

## Work Experience

**Backend Developer — GetHealth (International University Collaboration)**

**26 / Mar / 2025 - Present**

- Developed backend services using **Node.js**, **Express.js**, and **MongoDB** for a hospital management platform used in West Africa.
- Designed scalable **REST APIs** for hospital inventory, referrals, and appointment scheduling.
- Implemented **role-based access control (RBAC)** for doctors, staff, and administrators.
- Added backend **validations** to prevent invalid or inconsistent hospital records.
- Worked with the **frontend** team to integrate **APIs** and fix production issues.

## Projects

**VAK — AI-powered Social Media Moderation Platform** | <https://vak-tau.vercel.app/>

**04 / Nov / 2025**

- Built a **full-stack social media platform** with real-time **content moderation**.
- Implemented **real-time toxicity detection** using an **SVM classifier** with **TF-IDF vectorization** for text classification.
- Designed and deployed a **Flask REST API** for machine learning inference.
- Developed frontend using **Next.js** and **TypeScript** with real-time content validation.
- Deployed the system on **Vercel (frontend)** and **Render (ML backend)** for scalable cloud access.
- Used **MongoDB** for user authentication, **content storage**, and moderation logs.

**Aluminate — Alumni-Student Engagement Platform** | <https://aluminate-syvf.onrender.com>

**27 / Sept / 2025**

- Developed a **MERN-based alumni networking platform** for college students.
- Implemented **JWT authentication** with **cookies**.
- Designed **MongoDB schemas** and optimized common queries using indexes.
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## Academic and Extracurricular Achievements

- Secured **3rd** place in the ASTECH Club's **Debate Competition**

## Positions of Responsibility

**CodeChef-MITSOE Chapter** | Technical member

**23 / Sept / 2024 - Present**

- Speaker at **C++ Boot Camp 3.0**.
- Conducting daily **C++ quiz** for college students to test and enhance their programming skills.