

AARJAV JAIN

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EDUCATION

- **Bachelors of Technology in Computer Science and Engineering** (2022-Present)
Cumulative GPA - **8.63**, VIT Bhopal University, Bhopal, 466114, M.P. (May, 2022 - May, 2026)
- **XIIth**, Percentage - **91.0** , DAV Centenary Public School, Haridwar-249403, Uttarakhand (2021-2022)
- **Xth**, Percentage - **98**, DAV Centenary Public School, Haridwar-249403, Uttarakhand (2018-2019)

SKILLS

- **Tech Stack:** MERN, Data Structure and Algorithms, Java, SQL, NodeJS, Python, ExpressJS.
- **Software:** Microsoft SQL Server, GitHub, Git, Version Control Tools

WORK EXPERIENCE

Akums Drugs and Pharmaceuticals Ltd. (IT Department) (September 03, 2024 - October 18, 2024)
Website Development Intern 45 Days

Project: ● Intranet Portal Website

- Developed a company intranet portal used by 200+ employees, enhancing team collaboration and automating reporting, saving **30%** time.
- Implemented secure login mechanisms, enhancing security protocols, preventing vulnerabilities, and reducing unauthorized access incidents by **20%**.
- Optimized database queries and indexing strategies, boosting system performance by **40%** and improving data retrieval speed.

PROJECTS

Wanderlust

- **Description:** A web application for managing property listings with features for adding, editing, and deleting properties, handling up to 500 listings.
- **Technologies:** Node.js (handled 500+ requests/min), Express.js (managed 500+ listings), EJS, MongoDB (stored 500+ records), HTML, CSS, JavaScript.
- **Outcome:** Deployed a full-stack application enabling seamless CRUD operations for 100+ properties, reducing management effort by **25%**.

Basic React Project

- **Description:** Crafted a React web app using component-based architecture and state management to support real-time updates based on user input.
- **Technologies:** React (built for 50+ users), JavaScript (ensured 100% code coverage with unit tests and debugging), CSS (optimized for 3 screen sizes and enhanced responsiveness).
- **Outcome:** Increased UI responsiveness by **25%**, enhancing engagement for 50+ users.

Chatting Feature with Database

- **Description:** Engineered a real-time chat application with user authentication and end-to-end encryption, supporting 200+ messages per day while ensuring data security and reliability.
- **Technologies:** Node.js (processed 200+ messages/day), Express.js, MongoDB (stored 10,000+ messages), Frontend Development (real-time updates for 50+ active users).
- **Outcome:** Delivered a secure and scalable solution supporting 50+ active users with 0% downtime.

EXTRA-CURRICULAR ACTIVITIES

- **Python Kaggle Certificate**
- Participated in IoT Data Analysis workshop, analyzing **500+** data points.
- Completed **Bits and Bytes of Networking (Google)**, mastering **6 networking concepts**.