PRAKHAR JAISWAL

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EDUCATION

B.Tech in Computer Science and Engineering : CGPA: 8.20	2022-2026 (Expected)
Vellore Institute of Technology, Bhopal	
DAV Public School, Jamshedpur — 12th (CBSE) : Percentage: 72%	2019
Jusco School South Park, Jamshedpur — 10th (CBSE): Percentage: 85%	2018

SKILLS

Proficient in **Java**, **JavaScript**, **SQL** (**MySQL**, **PostgreSQL**), and **MongoDB**, with hands-on experience in frameworks such as **React**, **Next**, **Mongoose**, and **Express**, and familiar with tools including **GitHub**, **Postman**, and **Visual Studio**, working across both **Windows** and **Ubuntu** platforms. Additionally, proficient in **Python** and its libraries, including **Tkinter**, **OpenCV**, and **Django**.

PROJECTS

Hospital Management System Project — Tech Stack : ASP.NET , SSMS , React   Oct 2024 – Dec 2024

* Worked in a **4-member team** to design , develop , and deploy a cloud based web application on AWS.
* Developed backend using **ASP.NET** in Visual Studio for secure access and data handling
* Used **SQL Server databases (SSMS)** to ensure data integrity and high-speed access
* Integrated **React**-based frontend with efficient API endpoints for smooth interactions

MAYA - AI Chatbot — Tech Stack : Flask , Imaging Toolkit in Python , OpenAI API , MySQL   March 2024 – May 2024

* Implemented OCR capabilities using **PyTesseract and OpenCV** to extract text from images.
* Developed a voice interaction module by locally training **OpenAI API** for speech.
* Integrated AI-powered backend with **Flask** ensuring reliable and optimized real-time performance.
* Enabled context-aware conversations with saved history stored in **MySQL** for seamless interactions.

Last Outfit - E-commerce Website — Tech Stack : MongoDB, Express, React, Node.js   August 2023 – Nov 2023

* Implemented secure authentication and role control using **Express** sessions for robust access.
* Used **MongoDB** to enable fast, flexible storage and retrieval of product/order data.
* Utilized **Node.js and Express** for rapid backend development and efficient API management.
* Built dynamic single-page applications with **React**, ensuring responsive design and engagement.

PROFESSIONAL EXPERIENCE

Tata Steel — Vocational Trainee : 12 Weeks   Jamshedpur, Jharkhand, India
Oct 2024 – Dec 2024

* Developed Hospital Management System and collaborated team of 4 members.
* Developed proficiency in professional collaboration and fulfilling business requirements.
* Enhanced employability through successful delivery of a real-world project.

CERTIFICATES

* Full-Stack Development (Udemy), IBM DevOps, Linux for Developers (Coursera), AI for Beginners (HP-Life), Amazon Educate Badges (Getting Started with Security, Storage, Database and Machine Learning Foundations)

CO-CURRICULAR

* Held the position of Tech Lead at the Matrix Club, VIT Bhopal University form June 2024 to July 2025.
* Participated in Hackathons and several debate competitions during academic tenure.
* Reading Books and Exploring on subjects like History and Geo-politics