

# PRAKHAR JAISWAL

prakhrajaiswal221@gmail.com | (+91) 7004602209 | LinkedIn | GitHub

## EDUCATION

<b>B.Tech in Computer Science and Engineering : CGPA: 8.20</b> <i>Vellore Institute of Technology, Bhopal</i>	2022-2026 (Expected)
<b>DAV Public School, Jamshedpur — 12th (CBSE) : Percentage: 72%</b>	2019
<b>Jusco School South Park, Jamshedpur — 10th (CBSE): Percentage: 85%</b>	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.
- \* Gained comprehensive understanding of the ideation to product deployment process at the industry level.

## 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 from 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