

PRAKHAR JAISWAL

prakharriswal221@gmail.com | (+91) 7004602209 | LinkedIn | GitHub

EDUCATION

B.Tech in Computer Science and Engineering : CGPA: 8.20 <i>Vellore Institute of Technology, Bhopal</i>	2022-2026 (Expected)
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
<ul style="list-style-type: none">* 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
<ul style="list-style-type: none">* 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
<ul style="list-style-type: none">* 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 <i>Oct 2024 – Dec 2024</i>
<ul style="list-style-type: none">* 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