# AMAN OMPRAKASH SINGH

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**Summary** — Enthusiastic and hardworking B.Tech Artificial Intelligence and Machine Learning student with a strong foundation in AI, ML. Skilled in Python, machine learning, and deep learning frameworks. Passionate about solving real-world problems using AI-driven solutions. Strong analytical and problem-solving abilities with a keen interest in continuous learning and innovation.

## Skills

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|---|---|---|---|
| **Programming** | Python, Java, C++, SQL | **Databases** | MongoDB, mySQL |
| **Front-End** | HTML,CSS,React.js,Next.js,Bootstrap | **Other** | Git, Github,REST-APIs, DSA, OS |
| **Back-End** | Node.js,Express.js,Django | | |

## Education

**Chandigarh Engineering College,Jhanjeri**                                    08-2021– present
*Bachelor of computer Science (AIML)*                                               *7.26 CGPA*

## Projects

**E-Commerce Full-Stack Application**

- Designed and developed a full-stack e-commerce platform with user authentication, product management, and a shopping cart.
- Implemented MongoDB for data storage and created a responsive, mobile-friendly UI using React.
- Tech Stack: MERN (MongoDB, Express, React.js, Node.js), Bootstrap, Postman,Figma.

**Job Portal**

- Developed a job portal with features like resume upload, job search filters,and employer dashboards for easy job postings and applications.
- Integrated secure authentication and user-friendly UI, making the platform scalable and efficient.
- Technologies Used: NodeJS, ReactJS, MySQL, Authentication, REST APIs

**AI Chatbot**

- Built an AI-powered chatbot similar to ChatGPT and Gemini using Python. Implemented NLP techniques (NLTK, Transformers) and integrated OpenAI's GPT model. Deployed using Flask for a web-based interface.
- Tech Stack: Python, NLP (NLTK, Transformers), OpenAIGPT,Flask

## Experience

**Web Developer Intern – CodeClause, )**                                    March 2024 – March 2024

- Worked on Python-based projects, enhancing programming skills and understanding of software development methodologies.
- Gained hands-on experience in backend and frontend development.
- Collaborated with a team of developers to Improve project Workflows.

**Full stack Developer - EXTECH DIGITAL**                                    Jan 2025 – Present

- Develop and manage well Functioning databases and applications
- Works with development teams and product managers to ideate software solutions
- Resolved bugs reported in bug tracking system

## Extracurricular Activities

**CAMPUS AMBASSDOR @SKOLAR**                                    (08/2023 - 08/2024)
*Leadership,Team Management,Community Engagement,Content Creation Branding,Marketing,*

## Certifications

**Smart India Hackathon (12/2023)**
**IBM Skills Build (04/2024)**