

# Rohit

Snnipat, Haryana, India | [Email](#) | [Linkedin](#) | +91-9034697976 | [Portfolio](#)

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## SUMMARY

Aspiring Software Developer with hands-on experience in **Python, AI/ML, and Full Stack (MERN) Development**. Proficient in building dynamic web applications using **MongoDB, Express.js, React, and Node.js**. Adaptable Professional with a passion for building smart, scalable, and efficient tech solutions.

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## PROFESSIONAL EXPERIENCE

### Internship, Rudraa Technomate

Jun 2023 –Sep 2023

- Gained experience in **networking fundamentals**, including **OSI** and **TCP/IP models**, network topologies, and infrastructure setup.
- Assisted in laying out **network architecture**, identifying hardware requirements, and performing wire connections and patch panel setups.
- Practiced **network diagnostics**, cable crimping, switch/router configuration, and real-time issue resolution.

### Internship, Solitaire Infosys

Jun 2022 - Aug 2022

- Developed an intelligent chatbot from scratch using **Python**, integrating **AI/ML models** for dynamic response generation and improved user interaction.
- Designed a responsive **Graphical User Interface (GUI)** using **Tkinter**, ensuring intuitive user flow and clean design principles.
- Implemented data preprocessing and logic modules using **NumPy** and **Pandas** for efficient data handling and storage.

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## PROJECTS

### Code Editor

[link](#)

*Reactjs, Nodejs, Judge0, Monaco*

- Monaco Editor integration with VS Code-like experience
- Syntax highlighting for multiple programming languages
- Real-time code compilation and execution

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### Game Engine

[link](#)

*C/C++, C#, OpenGL, glm*

- Developed a lightweight 2D game engine from scratch using **C++** and **OpenGL**.
- Implemented core components:- **rendering, input handling, scene management**, and **basic physics**.
- Designed a minimal game loop and resource manager for efficient asset loading and runtime control.

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## SKILLS

JavaScript	Python	Java	C/C++
Reactjs	Nodejs	Expressjs	Mongodb
MySql	NextJs	Git/GitHub	Linux/Windows

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## EDUCATION

### Bachelor of Engineering in Information Technology

Sep 2023 - Sep 2026

JC Bose University of Science and Technology, Faridabad

### Diploma in Computer Science Engineering

Sept 2020 – Jul 2023

Hindu College of Engineering, Sonipat