

# VIBHANSHU SINGH

AI Engineer

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## CAREER SUMMARY

AI Engineer with focused experience in developing intelligent solutions using modern web technologies. Specialized in building AI-powered applications using Node.js and Python with hands-on expertise in integrating machine learning capabilities into scalable backend systems.

## TECHNICAL SKILLS

Python | Node.js | MySQL | Langchain | FastAPI | Git | Data Structures

## PROFESSIONAL EXPERIENCE

### AI ENGINEER | MMNOVATECH | Remote | Ontario, Canada

April 2025 - Present

- Enhanced the AVON AI model by developing and implementing multiple AI-driven features and intelligent solutions to improve system capabilities and user experience.
- Developed RAG, Vector DB and performed data embedding for AI Agent (AskMeAnything).

### IT INTERN | AIRTEL | Noida, India

June 2023 – July 2023

- Worked on API generation and testing for Airtel Payments system for smooth integration with multiple platforms.
- Participated in code reviews and debugging processes, contributing to improved system reliability and reduced response times.

### IT INTERN | Montage Enterprises | Noida, India

Jan 2023 – Mar 2023

- Designed an OCR based Inventory Management System.

## EDUCATION AND RESEARCH

### BACHELOR OF TECHNOLOGY

Computer Science and Engineering (Hons.) | Manipal University Jaipur

2021 – 2025

### RESEARCH ON SMART ENTRY MANAGEMENT USING IOT

ICCAIML | MUJ

July 2024 – September 2024

- Published a Research paper. ([Springer Nature Link](#))
- Researched on YOLO-V3 Model and developed local image-processing algorithms.

## CERTIFICATIONS

- CCNA by Cisco
- Operating System Designing by Red Hat
- Cloud Infrastructure Foundations by Oracle

## INTERESTS

Adobe Photoshop | Formula 1 | FL Studio