KARTIK SINGH RATHORE

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EDUCATION

Vivekananda Institute of Technology — Jaipur, India
Bachelor of Technology in Computer Science and Engineering — *June 2022 – June 2026*
- CGPA: 7.8/10
- Relevant Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Network Security, AI

EXPERIENCE

Academic Counselor Trainee — February 2025 – April 2025
CollegeDekho — *Gurugram, Haryana, India*
- Provided academic guidance and counseling to 100+ prospective students for course selection and career planning
- Utilized CRM tools and Microsoft Excel for student data management and progress tracking
- Maintained 95%+ student satisfaction rate through personalized counseling and follow-up sessions

Machine Learning & Deep Learning Intern — July 2024 – August 2024
Regex Software — *Jaipur, India*
- Developed end-to-end machine learning pipelines using Python, TensorFlow, and scikit-learn
- Implemented deep learning models achieving 85%+ accuracy on computer vision tasks
- Collaborated with senior developers to optimize model performance and deployment strategies

AI/ML Virtual Intern — November 2024 – December 2024
Edunet Foundation — *Remote*
- Built image classification model using CNN architecture with 90%+ accuracy on test dataset
- Utilized PyTorch and OpenCV for image preprocessing and feature extraction techniques
- Presented project findings and received participation certificate for outstanding performance

PROJECTS

Personal Portfolio Website | *ReactJS, NextJS, JavaScript, CSS3* | kartikrathore.tech — 2024
- Developed responsive portfolio website showcasing projects, skills, and professional experience
- Implemented modern UI/UX design with interactive animations and smooth navigation
- Deployed on custom domain with optimized performance and mobile-first responsive design

Intelligent Application Tracking System | *Python, Machine Learning, NLP, Flask* — September 2024
- Engineered ATS with automated resume parsing and candidate ranking using NLP and ML algorithms
- Implemented keyword matching and skill extraction features, reducing hiring time by 40%
- Built RESTful APIs and deployed scalable web application with responsive frontend interface

AI-Powered Conversational Chatbot | *Python, OpenAI GPT-4, Streamlit, NLP* — September 2024
- Developed intelligent chatbot leveraging OpenAI's GPT-4 API with context-aware conversations
- Implemented semantic search and memory management for enhanced user experience
- Deployed production-ready application using Streamlit with real-time response capabilities

TECHNICAL SKILLS

Languages: Python, Java, C++, C, JavaScript, SQL, NoSQL
Web Technologies: ReactJS, NextJS, NodeJS, ExpressJS, HTML5, CSS3, Redux
AI/ML Frameworks: TensorFlow, PyTorch, scikit-learn, OpenAI API, Hugging Face, OpenCV
Databases & Tools: MongoDB, MySQL, Git, GitHub, Docker, Jupyter, VS Code, Linux
Cloud & DevOps: AWS basics, RESTful APIs, Agile methodology, Version Control

CERTIFICATIONS & ACHIEVEMENTS

Certifications: HP LIFE AI for Beginners, TCS iON Young Professional, Machine Learning & Deep Learning
Technical Skills: Strong foundation in DSA, OOPS, System Design, Database Management
Achievements: Successfully deployed 5+ projects with live demonstrations and user feedback