

Ankit Kumar

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About

Aspiring Software Engineering, AI Engineer and Data Scientist with hands-on experience in Machine Learning, Python Development, and Cloud-based applications. Proven ability to implement innovative solutions and contribute to dynamic teams.

Education

Rajkiya_Engineering_College_Bijnor

B. Tech in Information Technology (Nov 2020 - Jun 2024)

- CGPA: 7.02
- Relevant Courses: Software Engineering, Database Management, Data Structures & Algorithms, Object-Oriented Programming (OOP), Computer Networks, Operating Systems
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Experience

Data Science Internship

[CodeCasa](#) (July 2023 - Aug 2023)

- Worked on projects like Spam E-Mail Detection, and Credit Card Fraud Detection.
- Utilized Python, Seaborn, Matplotlib, NLTK, and machine learning techniques to deliver the projects.

Data Science Internship

[CipherByteTechnologies](#) (July 2023 - Aug 2023)

- Worked on projects like Spam E-Mail Detection and Iris Flower Classification.
- Utilized Python, Seaborn, Matplotlib, NLTK, and machine learning techniques to deliver the projects.

Software Training Workshop

Blinsoft Technology Pvt.Ltd (June 2021 - July 2021)

- Learned Python and basics of Machine Learning through hands-on training.

Projects

Jarvis Assistant (AI-powered Voice Assistant)

(Live on [Github](#))

- Built AI powered voice assistant with the uses of **pyttsx3, Speech Recognition, Web Browsing, System Monitoring**
- Achieved **85-90% accuracy** in voice command recognition

Optimum-Insurance-cost-for-an-Individuals

(Live on [Github](#))

- Developed a machine learning model to predict individual insurance costs based on demographic, health, and lifestyle factors, enabling data-driven decision-making for insurers and individuals.

Travel-route-optimizer

(In-progress)

- Travel Route Optimization using Genetic Algorithms (GA) + OpenStreetMap API + GCP/AWS Lambda is a solid project that showcases your ML, cloud deployment, and optimization skills.

Technical Skills

- Languages:** Core Java, Python, HTML, CSS, JavaScript, Basic of C Programming, Spring Core Basic, Spring Boot Basic
- Fundamentals Of Machine Learning:** Mathematics & Statistics
- Libraries:** NLTK, NumPy, Pandas, Matplotlib, Scikit-learn, ReactJs.
- Frameworks:** TensorFlow, PyTorch, Keras, FastAPI/Flask, Map API(OpenStreetMap API-OSRM API), React.js/Streamlit for UI.
- Tools:** Jupyter Notebook, Google Colab, IDLE, Git/GitHub for version control, PowerBI, PythonShell , cloud technologies (GCP, Hugging Face)
- Databases:** MySQL, PLSQL, Oracle
- Interests:** Data Analytics, Machine Learning, Software Engineering, Python Development, Data Science, AI Engineering

Leadership & Volunteering

Student Co-ordinator

- ☐ **Developer Student Club, Rajkiya Engineering College** (Nov 2021 - Jun 2024)
- ☐ **Team Aspiring Mind Club -Wining Activity-** for 1st year student, **typing-Ninja**-for all year student, **Achievers Talk-for 4th year in 2022** and like this Organized 15+ workshops and coding sessions to enhance skills and promote continuous learning.

Certifications

- ReneVerse Borderless Gaming Hackathon
- Certificate of Participation in Namma Yatri Open Mobility Challenge
- Nasscom Java Excellence Certificate , Nasscom Python Excellence Certificate
- Natural Language Processing-Pattern Library-Udemy , Machine Learning Basics - Regression Analysis-Udemy , Google Analytics for Beginner-[Udemy](#)