

# Ankit Kumar

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## ABOUT ME

Passionate about Software Development, AI and problem-solving, focus on building innovative solutions.

## EDUCATION

**Kalinga Institute of Industrial Technology**

*B.Tech. in Computer Science – 8.38 CGPA*

Bhubaneswar, Odisha

*Sep. 2022 – Jun 2026*

## TECHNICAL SKILLS & SOFT SKILLS

**Languages:** C++, C, Java, Python, SQL, HTML, CSS, JavaScript

**Tools & Platforms:** AWS Foundation, MySQL, Power BI, MS Excel

**Libraries & Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn

**Machine Learning & AI:** EDA, Supervised & Unsupervised Learning, Ensemble Methods, Clustering, Time Series Forecasting, Model Evaluation & Optimization

**Development Environments & Version Control:** VS Code, Jupyter Notebook, Git, GitHub, Cursor IDE

**Soft Skills:** Communication, Problem-Solving, Adaptability

**Languages:**Hindi, English

## PROJECTS

**UPI Fraud Detection** | *PYTHON, ML, FLASK, SCIKIT-LEARN*

Feb 2025

- Built a UPI fraud detection system using ML models to identify suspicious transactions.
- Engineered features and trained Logistic Regression, Decision Trees, Random Forest, and XGBoost for accuracy.
- Optimized models based on precision, recall, and F1-score for better fraud detection.
- Developed a Flask web app for real-time fraud detection with a user-friendly interface.

**Electric billing System** | *JAVA, SQL, SWING, JDBC*

Jan 2024

- Developed a desktop-based electric billing system to manage consumer electricity usage and automate bill generation.

**Forest Weather Index Prediction** | *PYTHON, ML, FLASK*

Dec 2024

- Performed comprehensive data collection, EDA, and feature engineering.
- Implemented regression models to predict Forest Weather Index (FWI).
- Developed a Flask web application for real-time predictions.

## CERTIFICATIONS & ACHIEVEMENTS

**Cloud Virtual Internship**

Oct 2024 – Dec 2024

*AICTE EduSkills Virtual Internship – Curriculum by AWS Academy*

**Business Analyst by University of Colorado**

Jan 2025

*Coursera*

**Hackathon Achievements**

Jan 2024

*Third Place, GFG KIIT Chapter*

**100 Days Badge of DSA Challenge**

Dec 2024

*Leetcode*

## EXTRACURRICULAR ACTIVITIES

**Member, Marketing Department, Keurig Society**

**Editor, KIIT Film Society**