Rahul Kumar

8709110932 | rahulkumarg818@gmail.com | linkedin.com/in/rahul-kumar-0b1222189 | github.com/rahulkumarg818

SUMMARY

Pursuing a Bachelor of Engineering in Computer Science with strong skills in Python, Java, and SQL. Experienced in machine learning and full-stack web development, with projects like ExpenseIQ and Use2skill showcasing data analysis and user-centric design. Passionate about coding and eager to apply technical knowledge to real-world challenges.

EDUCATION

RNS Institute of Technology   Bangalore, Karnataka
Bachelor of Engineering in Computer Science   *2022 – 2026*

DAV Public School   Bokaro, Jharkhand
Senior Secondary   *2020 – 2022*

PROJECTS

ExpenseIQ — Machine Learning, Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn
- Engineered a machine learning model with **87% accuracy** to predict user expenses across 5 categories.
- Created **10+ dynamic visualizations** to uncover spending trends, helping users reduce expenses by up to **15%**.
- Enabled CSV uploads and sample data input, processing **10,000+ transactions** for real-time analytics.
- Developed a category prediction system that improved classification accuracy by **25%** using historical patterns.

Use2skill — HTML, CSS, JavaScript, Django, MySQL, REST API
- Built a full-stack web app used by **50+ learners** to track skill progress, increasing daily engagement by **20%**.
- Created a responsive UI with **98% mobile compatibility**, boosting user retention by **25%**.
- Integrated Google OAuth2 via Django Allauth, reducing authentication errors by **40%**.
- Deployed on Netlify with CI/CD pipelines using Git and Github, resolving **8+ bugs** and ensuring **24/7 uptime** through automated deployment.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS
Frameworks: Django, REST APIs, Django Allauth, Bootstrap
ML Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn
Developer Tools: Git, GitHub, VS Code, IntelliJ IDEA
Coursework: DSA, OOPs, OS, Computer Networks, System Design
Cloud Platforms: AWS, Oracle Cloud
Databases: MySQL, SQLite

ACHIEVEMENTS

Finalist at **Turinger 2025**, Tech Summit, Manipal Institute of Technology for the project **ExpenseIQ**.

Contributed to **Bharatiya Antariksh Hackathon** 2025 — built ML models to analyze glacial lakes, roads, and urban drainage using satellite imagery.

CERTIFICATIONS

Java Advanced   Python Advanced   SQL Advanced

ISRO Hackathon Participation

Oracle Cloud Fundamentals

Project Expo – Manipal IT