

Om Rawal

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EXPERIENCE

Full Stack Python Developer <i>Citi (Citicorp Services India Private Limited)</i>	May 2025 – Present Mumbai, IN
<ul style="list-style-type: none">Designed and led development of a Django/React platform automating risk model workflows for 10+ teams, reducing manual model turnaround time from 2 weeks to 2 days.Integrated automated data ingestion channels, reducing manual errors by 95% and accelerating dataset onboarding by 80%Coordinated with 4 cross-functional teams to integrate regulatory requirements, ensuring 100% compliance in model documentation and audits.	

Software Development Engineer <i>Morgan Stanley Capital International MSCI - Wissen Technology</i>	June 2022 – April 2025 Mumbai, IN
<ul style="list-style-type: none">Developed an optimized full-stack web application using the Flask framework (Python); achieved a 40% reduction in page load times.Established efficient ETL pipelines for data migration, migrating terabytes of data with 99.9% accuracy.Optimized database queries and processes, achieving a remarkable 85% reduction in query execution time.Migrated and validated 37TB of data from Oracle to BigQuery with 99.9% accuracy and 30% faster processing.Optimized data pipelines, reducing processing time by 25% and cloud costs by 27%.Designed and implemented a RESTful API using Spring Boot (Java) and Oracle Database for full user management.	

EDUCATION

K. J. Somaiya College Of Engineering <i>B.Tech. in Computer Engineering GPA: 9.355</i>	Mumbai, IN Aug. 2018 – May 2022
HSC Science <i>Maharashtra State Board 85.85%</i>	Mumbai, IN Aug. 2017 – May 2018

PROJECTS

Mental Health Chatbot (Python, Django, NLP, Machine Learning)	<ul style="list-style-type: none">Full-stack web application using Django and REST API to power a chatbot for depression detection.Implemented NLP techniques and neural networks (RNN, CNN) to analyze user conversations.GitHub: github.com/omrawal/UpbeatBuddy-Chatbot
Secure File Storage System (Python, OpenCV, Cryptography, Face Recognition)	<ul style="list-style-type: none">Designed an alternative to Google Drive with multifactor authentication using facial recognition and encrypted storage with OpenCV and cryptography libraries.GitHub: github.com/omrawal/Safe-Storage
Stock Market API Scrapy (FastAPI, Scrapy, Web Scraping)	<ul style="list-style-type: none">Developed RESTful API with FastAPI to expose real-time and historical stock data using advanced web scraping from Google Finance.GitHub: github.com/omrawal/Stock-Snap

TECHNICAL SKILLS

Programming Languages: Python, Java, C, SQL (Oracle, MySQL), JavaScript
Web Development: Django, Flask, FastAPI, React, Node.js, Scrapy
DevOps & Tools: Git, Docker, JIRA, CI/CD
Data Science: PySpark, Pandas, NumPy, Matplotlib
Cloud & Big Data: Google Cloud Platform (GCP), BigQuery, DataBricks

ACHIEVEMENTS

- Rockstar Rookie Award, Delivered high-impact solutions and on-time project launches at Wissen Technology
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