ROHIT KUMAR

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PROFESSIONAL SUMMARY

Senior Software Engineer with 6+ years of experience building scalable backend services, data pipelines, and cloud-based solutions using Python, Django, and AWS. Proven track record of delivering 30%+ performance improvements in data processing systems and deploying production-grade ML models. Expertise in ETL workflows, real-time data streaming, and microservices architecture.

TECHNICAL SKILLS

Languages & Frameworks: Python, Django, Django REST Framework (DRF), FastApi, Flask, Next.js, React.js

Data & ML: Apache Airflow, pandas, NumPy, AWS SageMaker, ETL Pipelines, Apache Kafka
Cloud & DevOps: AWS (EC2, S3, SNS, SQS), Jenkins, Docker, Nginx, Heroku, Databricks
Databases: MongoDB, MySQL, NoSQL
APIs & Integration: RESTful APIs, Google Analytics API, Google Search Console, Adobe Analytics
Tools: Git, Agile/Scrum, API Gateway, Multi-tenant SaaS Architecture, CI/CD pipelines, ELT/ETL processes, Jira, GitHub Copilot.

PROFESSIONAL EXPERIENCE

Wood Mackenzie   Gurugram, Haryana, India
Senior Engineer   September 2024 – Present
- Led Agile delivery of data products end-to-end, including sprint planning, retrospectives, and mentoring and coaching engineers to improve code quality and delivery practices.

- Optimized data collection and processing pipelines for performance and reliability through code refactoring and architectural enhancements, while collaborating with stakeholders for user-centric outcomes.

- Deployed and managed machine learning models on AWS SageMaker and automated complex data workflows using Apache Airflow, integrating with cost-efficient, secure storage patterns on AWS S3.

- Built and maintained robust, production-grade data pipelines for researchers and data owners, ensuring timely, reliable, and secure access to analytical datasets.

Mindfire Solutions   Noida, Uttar Pradesh, India
Senior Software Engineer   March 2022 – September 2024
- Architected scalable data collection systems integrating Google Analytics, Google Search Console, and Adobe Analytics APIs, improving SEO analytics accuracy by 30%+

- Built production-grade ETL pipelines for multi-source data extraction, transformation, and loading with comprehensive error-handling and monitoring

- Collaborated with cross-functional teams and stakeholders to translate business requirements into technical solutions for SEO optimization

- Implemented proactive monitoring and alerting mechanisms, reducing data pipeline failures and improving system reliability

DJT Corporation & Investments Pvt. Ltd.   Noida, Uttar Pradesh, India
Software Developer   August 2021 – March 2022
- Developed e-commerce platform features using Agile methodologies, ensuring high code quality and timely delivery

- Implemented Apache Kafka for real-time event streaming across payment, order, and inventory microservices

- Designed and deployed RESTful APIs using Django REST Framework with MongoDB for inventory management systems

- Configured Nginx Ingress Controller for API Gateway traffic management and deployed applications on AWS EC2 and S3

Moxtain   India
Software Developer   August 2019 – August 2021
- Engineered multi-tenant SaaS architecture serving B2B clients with isolated, personalized user experiences

- Built full-stack admin console using Python, Django, and React.js with role-based access control

- Developed scalable RESTful APIs following Django DRF best practices for high-traffic web applications
- Created modern web application from scratch using Next.js and Bootstrap with OAuth integration (Google, Facebook)
- Integrated secure payment processing system (Instamojo) supporting multiple payment methods

EDUCATION

Galgotias University   2012 – 2016
Bachelor of Technology with 8.59 CGPA

CERTIFICATIONS

AWS for Developers (SNS, SQS, SWF) / Learning Apache Airflow / DevOps Fundamentals / Learning Jenkins / MySQL Database Development Mastery