ROHIT KUMAR

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Profile

Senior Software Engineer with 6+ years' experience architecting scalable data collection systems, building robust backend services, and delivering cloud-based ML solutions. Expert in Python, Django, REST APIs, and AWS, with a proven track record of optimizing performance, automating workflows, and leading integration of data and analytics platforms.

Skills

Programming: Python, JavaScript, SQL
Frameworks: Django, Django REST Framework, Fast API, React.js, Next.js, Bootstrap
Cloud & DevOps: AWS (SageMaker, S3), GCP, Docker, Kubernetes, Apache Airflow
Databases: MySQL, MongoDB, PostgreSQL, Click House, Impala
Tools: Git, Celery, JIRA, Kafka, API Gateway, RabbitMQ, Hadoop, Shell Scripting
Domains: Data Engineering, API Integration, ETL, SEO Optimization, Scalable System Design

Experience (6 years)

SENIOR ENGINEER, WOOD MACKENZIE, INDIA (SEPTEMBER 2024 - PRESENT)

- Enhanced data collection and processing pipelines, boosting performance and reliability by streamlining critical code.
- Deployed and managed machine learning models using AWS SageMaker, enabling robust predictive analytics.
- Automated and monitored data workflows with Apache Airflow, ensuring seamless pipeline execution.
- Optimized AWS S3 usage for secure, cost-effective, and organized data storage and retrieval.

SENIOR SOFTWARE ENGINEER, MINDFIRE SOLUTIONS, INDIA (MARCH 2022- SEPTEMBER 2024)

- Led development of advanced data collection systems using Python and Django, integrating Google Analytics, Search Console, and Adobe.
- Designed and maintained ETL pipelines via APIs, reducing data processing time by 30%.
- Built production-ready SEO data collection solutions, improving reporting accuracy and boosting client satisfaction.
- Coordinated with stakeholders and SEO specialists to deliver tailored analytics features ahead of deadlines.

SOFTWARE DEVELOPER (FULL-STACK), DJT CORPORATION & INVESTMENTS, INDIA (AUGUST 2021-MARCH 2022)

- Developed and scaled E-commerce features including real-time order tracking and rider location services (Python, Django, REST).
- Architected Kafka-based messaging to improve reliability and real-time data flows.
- Enhanced customer experience by implementing secure authentication and efficient payment processing.

SOFTWARE DEVELOPER (FULL-STACK), MOXTAIN, INDIA (AUGUST 2019-AUGUST 2021)

- Developed a multi-tenant trek management platform, empowering B2B clients with customized trekking experiences.
- Built web applications using Django (MVC) and React.js, including feature-rich admin dashboards.
- Integrated Next.js websites with Google and Facebook authentication, boosting user engagement by 20%.

Education

- Bachelor of Technology from Galgotias University with 8.59 CGP

Projects

- Portfolio Website: Developed a personal portfolio using Next.js, showcasing key projects and technical experience.
- Wallpaper Manager: Built a desktop app (Python, React.js) for searching images and automating desktop wallpaper changes.
- Resume Parser: Engineered an ML-based tool to extract structured details from PDF and Word resumes, accelerating the recruitment workflow for HR teams.

Activities and Interests

- Competitive coding (Hacker Rank, LeetCode); Automobile enthusiast; Solo traveler