Ankita Kumari

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Experienced backend engineer specializing in Django and Elasticsearch with proficiency in designing and maintaining scalable systems for optimal performance. Skilled in Django for RESTful APIs and Elasticsearch for advanced search. Proficient in Python, JavaScript, Django, Node.js, and managing databases like PostgreSQL, MongoDB, Oracle, MySQL, Elasticsearch, and Redis. Familiar with CI/CD, Git, Docker, AWS, testing with PyTest and JUnit, deployment using Kubernetes and Jenkins, and Agile project management. Committed to continuous learning and adopting cutting-edge technologies..

EXPERIENCE

TRADEMO , Gurugram

SDE 1 (Backend Developer)   Aug 2022 - Present

- *Led the development of a new product as the sole backend developer, drafting the backend infrastructure, contributing to approximately 30% of total company revenue.*
- *Architected RESTful APIs that boosted frontend-backend communication efficiency by 30%, leading to a significant 20% increase in user retention and a 15% reduction in system downtime.*
- *Enhanced search functionality using Elasticsearch, achieving up to 200% optimization across all products.*
- *Coordinated with diverse teams to gather and synthesize project requirements, ensuring alignment with business objectives; this collaborative effort resulted in a 30% increase in efficiency and a 10% rise in customer satisfaction metrics.*
- *Influenced requirements gathering sessions to refine technical expertise, shaping a new feature set that amplified user engagement metrics by 35% and propelled monthly active users by 20%.*
- *Executed 45+ feature releases deployments, ensuring zero system downtime and maintaining data integrity; reduced post-deployment issues by 40% and increased user satisfaction by 25%.*
- *Leveraged Elasticsearch for advanced data analysis, designing custom queries for actionable insights.*
- Deployed API throttling mechanisms optimizing data transmission; achieved 20% error rate reduction and 30% efficiency gain, resulting in a 15% uptick in system uptime and performance, boosting overall operational effectiveness.
- *Rolled out innovative Snowflake integration strategies, resulting in a 25% increase in data processing efficiency and a 30% improvement in data analysis accuracy.*
- *Developed and maintained ETL pipelines to ensure data accuracy and consistency in Snowflake.*
- *Developed and deployed automated Power BI reports to track customer engagement metrics; improved marketing campaign ROI by 15% through targeted customer segmentation and personalized content strategies.*
- *Designed and upheld efficient data pipelines for seamless data extraction, transformation, and loading into Power BI, optimizing data-driven decision-making processes and enhancing business performance; reduced data processing errors by 75% and improved data integrity.*

EDUCATION

Bachelor of ENGINEERING - Mechanical   Jun 2022
U.I.E.T., Panjab University, Chandigarh

SKILLS

- Languages: Python, Javascript

- Frameworks: Django, NodeJS

- Databases: PostgreSQL, MongoDB, Oracle, MySQL, Elasticsearch, Redis

- Tools & Technologies: CI/CD, Git, Docker, AWS

- Testing: pytest, JUnit

- Deployment: Kubernetes, Jenkins

LICENSES & CERTIFICATIONS

Introductory Program for AI and IOT   2020
IIT Kanpur