DIKSHA GAIKWAD

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SUMMARY

Aspiring Software Engineer pursuing an MSc in Data Science and Analytics at Cardiff University, with 1.5+ years of experience in software development and cloud computing. Proficient in Java, Python, and SQL, with expertise in distributed systems, backend, and frontend development. Passionate about solving complex problems through scalable, secure, and optimized solutions.

EXPERIENCE

Jio Platform Ltd, **Assistant Manager**
Jul 2022 - Sep 2024
Led a team of 10+ on large-scale projects such as Security Edge Protection Proxy (SEPP) and IAM Vault Management, prioritizing data integrity, cybersecurity, and optimized system functionality. My work centered on improving data protection and system efficiency, which led to operational improvements and higher customer satisfaction.
Technical Solutions Design: Led a team of 10+ in delivering large-scale projects such as Security Edge Protection Proxy (SEPP) and IAM Vault Management, ensuring scalable, secure, and efficient solutions.
Backend Development: Developed SaaS-based applications using Docker and Kubernetes, improving operational efficiency by 20%.
Database Optimization: Integrated MongoDB and Elasticsearch, enhancing data retrieval speeds by 25% and database performance by 40%.
Collaboration: Coordinated with cross-functional teams to shape product roadmaps and ensure seamless project delivery.

EDUCATION

Cardiff University
MSc Data Science and Analytics • 2024 - 2025
Modules covered such as Applied Machine Learning, Computational Data Science, Database Modelling, Data Visualisation, Foundations of Operational Research and Analytics, Foundations of Statistics and Data Science, Dissertation.
Project: Discrete simulation model addressing real-time operational research problems using tools like Python, R, SQL, and Simul8.

Mumbai University
Bachelor of Engineering (Electronics and Telecommunication Engineering) • 2018 - 2022
Modules covered such as Signals and Systems, Digital Electronics, Microprocessors and Microcontrollers, Embedded Systems, Digital Signal Processing, Computer Networks, VLSI Design.

V. G. Vaze College of Arts, Comm, Sci
Higher Secondary Certificate • 2016 - 2018

S.V.P.M Sec School kalwa
Secondary School Certificate • 2015 - 2016

SKILLS

Java • Python • R • C • SQL • MongoDB • KeyDB • ElasticSearch • Oracle • Docker