

Krish Patil

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Education

Master of Science in Software Engineering	Arizona State University, Tempe, AZ	Expected May 2026
Bachelor of Computer Engineering	University of Mumbai, India	May 2022

Skills

Data Pipelining, Data Modeling, ETL Processes, Automation, Testing, Agile, Troubleshooting, Data Structures Algorithms, SDLC, OOPs, Python, HTML5, CSS3, TypeScript, JavaScript, C + +, JSON, Django, Java, Lambda, EC2, RDBMS, DynamoDB, PostgreSQL, MySQL, Azure, MongoDB, GCP BigQuery, Linux, Scripting, Git, GitHub, Docker, Kubernetes, Visual Studio Code, AWS, Azure, GCP

Work Experience

Data Engineer	Capgemini , India	July 2022 - July 2024
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- Developed and optimized 25+ data pipelines using Python, SQL, & GCP, increasing data flow efficiency by 30%.
- Streamlined ETL processes in GCP BigQuery, reducing query times by 40%.
- Modernized 100+ legacy SAS scripts to GCP, boosting performance and scalability by 50%.
- Implemented automated data integration pipelines, enhancing efficiency and eliminating 85% of manual tasks.
- Pioneered a robust monitoring framework, maintaining data integrity with an error rate under 1.5%.
- Managed ingestion of 500GB+ data from FTP and SFTP, transforming data into formats for analysis.
- Refined data pipelines leveraging AWS EC2, Glue, and Lambda, reducing processing time by 30%.
- Designed real-time AWS SNS alerts, boosting monitoring and issue resolution by 25%.
- Utilized Databricks to execute scalable data transformations, increasing processing efficiency by 35%.
- Optimized data ingestion workflows, cutting manual interventions by 50% and strengthening accuracy.

Projects

AgriInsights	November 2024 - December 2024
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- Built Looker Studio dashboard for 500K+ agriculture records, analyzing crop yields and environmental impacts.
- Constructed 1000+ RDF triples with Python, boosting data integration by 30%.
- Integrated RDF knowledge graphs, minimizing processing time by 25% and improving visualization accuracy.

Scrum Simulator Using Agile Process	October 2024 - November 2024
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- Developed a Java application over a structured 4-week timeline, leveraging Agile methodologies.
- Led two sprints to deliver incremental features and incorporated feedback to enhance functionality.
- Orchestrated sprint planning and retrospectives, cutting delivery time by 15% and boosting communication.

Leadership Experience

Registration Head, Student Council

- Managed more than 1,000 participant sign-ups for a cultural festival, ensuring smooth experiences through efficient communication and organization.

Certifications

AWS Certified Cloud Practitioner	Amazon Web Services	October 2022
AZ-900 Azure Fundamentals	Microsoft	August 2022
Machine Learning, Data Science, and Deep Learning with Python	Udemy	January 2022