

Bheemender Gurram

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Experience

Data Engineer

WellSky

May 2024 – Present

Overland Park, KS

- Built an analytics platform for consultants using Amazon QuickSight and Athena that enabled management consultants to query project data without technical assistance, accelerating time-to-insight for client engagements.
- Developed and maintained cloud infrastructure using AWS CDK (TypeScript) and CloudFormation, creating consistent and repeatable deployment processes
- Implemented event-driven architectures using AWS services, including Lambda, SNS, and EventBridge, enabling responsive system design

Data Engineer

IBM

Apr 2021 – Dec 2022

Remote

- Built a cloud-native pipeline to ingest crew data from 20+ formats using AWS Glue, Lambda, and S3; enabled real-time querying via Athena and visualization in Tableau.
- Designed S3-based 3-layer data lake and orchestrated PySpark jobs with AWS Step Functions and CI/CD via Bitbucket YAML pipelines
- Led Oracle Fusion/OBIA upgrades, designing 15+ reusable ODI mappings, load plans, and packages that cut pipeline development time
- Extracted and analyzed files from BIACM (Business Intelligence Applications Configuration Manager), and developed customized PVOs (Persistent View Objects) to enhance data visibility and reporting capabilities

RPA Developer Intern

Virtusa

Jan 2020 – May 2020

Hyderabad, India

- Designed and developed automated notification system using RPA, processing 500+ student records nightly to generate personalized communications
- Reduced critical notification delivery time from 3 days to real-time, improving stakeholder engagement and response rates by 78%

Technical Skills

Cloud & Infrastructure: AWS (EC2, S3, IAM, Lambda, Step Functions, API Gateway, CloudWatch, Glue, Athena, DynamoDB), Terraform, Docker, Kubernetes (EKS), CI/CD pipelines

Data Technologies: Apache Spark, Airflow, Kafka, Snowflake, ETL/ELT pipelines, Data Modeling, ODI

Programming: Python, SQL, Java, Shell Scripting, YAML

Databases & Analytics: DynamoDB, Oracle DB, Athena, QuickSight, Tableau, OBIEE

Projects

2048 Game Containerization | AWS EKS, Docker, GitHub Actions, Terraform

[GitHub Repo](#)

- Containerized the classic 2048 game using Docker and deployed it on AWS EKS with auto-scaling capabilities based on load patterns

Cloud Resume Challenge | AWS, S3, CloudFront, Lambda, DynamoDB, API Gateway, Terraform

[Live](#)

- Designed and deployed a serverless architecture using AWS services, reducing monthly operational costs by 85% compared to traditional hosting
- Implemented visitor counter using Lambda function and DynamoDB, reducing costs by 70% by adding TTL to visitor logs

Containerized Flask Microservice | AWS EKS, Docker, ECR, Kubernetes

[GitHub Repo](#)

- Designed a highly available Kubernetes architecture on AWS EKS with pod anti-affinity and multi-AZ deployment, achieving 99.95% uptime

Education

Master of Science in Computer Science

University of Central Missouri, Warrensburg, Missouri

May 2023 – Dec 2024

GPA: 3.50/4.0

Bachelor of Science in Computer Science

Chandigarh University, Mohali, India

Aug 2016 – Aug 2020

GPA: 3.44/4.0