

# 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