Bheemender Gurram

Overland Park, KS | +1-913-413-7589 | bheemender.gurram08@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Experience

Data Engineer — May 2024 – Present
WellSky — Remote

- 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 — Apr 2021 – Dec 2022
IBM — Bengaluru, India

- 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 — Jan 2020 – May 2020
Virtusa — 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 — May 2023 – Dec 2024
University of Central Missouri, Warrensburg, Missouri — GPA: 3.50/4.0

Bachelor of Science in Computer Science — Aug 2016 – Aug 2020
Chandigarh University, Mohali, India — GPA: 3.44/4.0