Dharani Prasad

📞 +91-9642277372 | 📧[dharaniprasad1999@gmail.com](mailto:dharaniprasad1999@gmail.com) | 📍Tirupati, AP

🌐 linkedin.com/in/dharani-prasad-b4871216b 🌐 https://github.com/prasaddharani

# Summary

IT professional with 4.8 years of experience in AWS Cloud, Java Full Stack, and Python scripting, specializing in scalable microservices, event-driven architectures, and cloud-native solutions. Skilled in Java Spring Boot, AWS (EKS, Lambda, S3, DynamoDB, Glue, etc.), Kafka, PostgreSQL, and CI/CD. Experienced in delivering large-scale platforms using both **Serverless Architectures (Lambda, API Gateway, SQS, DynamoDB)** and **containerized microservices on EKS**. Additionally contributed to GenAI POCs using OpenAI LLM models, RAG, and multimodal chatbots, recognized with technology awards and hackathon wins. Known for delivering high-quality solutions, driving innovation, and excelling in Agile environments.

# Accomplishments

* Consistently rated in the **Top Performance Bucket** (Cognizant – 3 years, Broadridge – 2 years).
* Recipient of **Sapphire & Silver Awards** at Cognizant for delivery excellence.
* **Key Contributor Technology Award** – Broadridge (Q1 FY25) for implementing GenAI solutions.
* **Winner – Broadridge Ops Hackathon (India-wide)** for automating Account & Party creation using AI-powered workflows.
* Successfully deployed an **ML model to production** during internship with minimal support.
* Delivered **Remedy Acknowledgement project** during Cognizant Academy training.

# Skills

* **Languages**: Java, Python
* **Frameworks**: Spring, Spring Boot, Hibernate, Flask, PySpark
* **Cloud (AWS)**: Lambda, EKS, ECR, API Gateway, CloudFormation, SQS, SNS, S3, Glue, ECS, DynamoDB, RDS, Security Groups, VPC, IAM, CloudWatch, CloudFront
* **Containerization & Orchestration**: Docker, Kubernetes, Helm
* **CI/CD & DevOps**: Jenkins, GitLab CI/CD, Git, Maven, Gradle
* **Architecture & Design**: Microservice Design Patterns (CQRS, Event Sourcing, Saga, Circuit Breaker, DDD, etc.)
* **Databases**: PostgreSQL, MySQL, DynamoDB
* **Event Streaming**: Kafka (Confluent, MSK)
* **GenAI & Data Science**: LLM Models, RAG, Machine Learning, Deep Learning, NLP
* **Security & Observability**: OAuth2, JWT, Spring Security, ELK, Prometheus, Grafana
* **Testing Tools**: JUnit, Mockito, Postman
* **Frontend**: HTML, CSS, Bootstrap, JSP
* **Tools/IDEs**: Eclipse, IntelliJ, PyCharm, VS Code, Jupyter Notebook

# Experience

## Broadridge Financial Solutions | Bangalore, KA

Technology Lead | Aug 2025 - Present

Senior Member Technical | Jan 2024 - Aug 2025

***Core Project – Integrated Platform (Cloud-Native, Event-Driven Architecture)***

* Designed and developed Account & Party microservices using Java Spring Boot and Domain-Driven Design (DDD).
* Implemented Kafka-based event-driven communication (Confluent/MSK).
* Deployed cloud-native microservices on AWS EKS, leveraging ECR, auto-scaling, and resiliency best practices.
* Implemented per-client deployment strategy on AWS EKS, provisioning isolated instances per client while sharing a common ALB, and leveraging Ingress Controller with header-based routing to achieve secure, scalable, and multi-tenant traffic management.
* Designed multi-tenant database schema and persistence layer on Aurora PostgreSQL.
* Built CI/CD pipelines with Jenkins and GitLab to automate build, test, and deployments.
* Collaborated in Agile ceremonies and conducted code reviews.
* Conducted POCs for service integration and optimized Kafka consumer performance.

***GenAI POC Projects (Innovation Initiatives)***

* Built Multimodal Questionnaire Chatbot (OpenAI models) supporting text + image inputs.
* Developed Voice-Activated Chatbot using LLMs + speech-to-text APIs.
* Implemented Client Onboarding Q&A Chatbot powered by OpenAI models.
* Designed Product Manual Chatbot with RAG approach for text & image search.
* Automated Course Categorization across Udemy, LinkedIn, and Workday using LLM-based classifiers.

## Cognizant Technology Solutions | Chennai, TN

**Software Engineer | Apr 2021 – Dec 2023**

***Core Project – Client Onboarding Platform (AWS, Microservices, UBS Data Migration)***

* Implemented **CQRS and Event Sourcing architecture** using AWS services for client onboarding workflows.
* Automated **data migration pipeline** from CRDB to DynamoDB using Glue, Lambda, S3, and SQS.
* Built **data transformation logic** in AWS Glue with Python scripts.
* Validated **API responses** against Swagger contracts using Python & Java.
* Developed **microservices integrating UBS in-house & third-party applications**.

**Programmer Analyst Trainee | Dec 2020 – Apr 2021**

* Developed **end-to-end ticketing application** using Java8, Spring Boot, MySQL, JSP, Bootstrap.
* Implemented **MVC pattern with Hibernate**.
* Deployed application on **Heroku Cloud Services**.

## MovingNow | Hyderabad, TS

**Data Science Intern | Apr 2021 – Dec 2023**

* Built **ML & DL models** (Decision Tree Regression, YOLOv3) for accident risk prediction.
* Conducted **data preprocessing & feature engineering** for model accuracy.
* Deployed models on **Company servers, GCP, and Heroku**.

# Education

* **B.Tech in Computer Science & Engineering** | Siddarth Institute of Engg. & Tech, Puttur, AP | 2020 | CGPA: 9.61
* **Intermediate (MPC)** | Sri Chaitanya Junior College, Tirupati | 2016 | 93.3%
* **SSC** | MGM High School, Tirupati | 2014 | CGPA: 8.8