

Dharani Prasad

☎ +91-9642277372 | ✉ dharaniprasad1999@gmail.com | 📍 Tirupati, AP

🌐 [linkedin.com/in/dharani-prasad-b4871216b](https://www.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