

Dharani Prasad

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Summary

IT professional with **4.8 years of experience** in **AWS Cloud, Java Full Stack, and Python scripting**, specializing in building **scalable microservices, event-driven architectures, and cloud-native solutions**. Skilled in **Java Spring Boot, AWS (EKS, Lambda, S3, DynamoDB, Glue), Kafka, PostgreSQL, and CI/CD**. 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 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

Architecture & Design: Microservice Design Patterns (CQRS, Event Sourcing, DDD, etc.)

Databases: PostgreSQL, MySQL, DynamoDB

Event Streaming: Kafka (Confluent, MSK)

GenAI & Data Science: LLM Models, RAG, Machine Learning, Deep Learning, NLP

Frontend: HTML, CSS, Bootstrap, JSP

Tools/IDEs: Eclipse, IntelliJ, PyCharm, VS Code, Jupyter Notebook

Experience

Broadridge Financial Solutions | Bangalore, KA

Technology Lead | Jan 2023 – Present

Senior Member Technical Jan 2024 - Aug 2025

Core Projects – *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.
- 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** (GPT models) supporting text + image inputs.
- Developed **Voice-Activated Chatbot** using LLMs + speech-to-text APIs.

- Implemented **Client Onboarding Q&A; Chatbot** powered by GPT 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 2022

- 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 | Aug 2019 – Jan 2020

- 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