

PADMA NARESH

LEAD SOFTWARE ENGINEER

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PROFESSIONAL OVERVIEW

Lead Software Engineer with **15 years** of experience in software development, specializing in **Java, Python**, Databases, **Cloud** technologies and **Generative AI**. Skilled in designing scalable **architectures**, application integration, and leading cross-functional teams. Proven track record in **banking** and market research domains with strong capabilities in project execution, technical writing, and documentation.

WORK EXPERIENCE

Lead Software Engineer

Wells Fargo International Solutions, Hyderabad, July 2023 - Present

- As a lead developer, designed and built fast messaging system for customer alerts using Kafka, Spring Boot, and Oracle.
- Created microservices for sending Email, SMS, and Push Notifications.
- Connected with Apple and Google services to deliver real-time alerts to millions of users.
- Led teams in creating monitoring and alert tools for better system reliability.
- Applied agile methodology and behavior driven design principles to improve quality and delivery
- Developed Generative AI POCs including language translation, SQL generation, and agentic application deployment tools using Langchain and OpenAI
- Simplified application health monitoring through implementation of an Agentic Bot
- Conducted technical workshops on OpenShift, GitHub Actions, and Generative AI concepts
- Maintained security compliance and followed all company guidelines

Technical Lead

Quisitive Technology Solutions (formerly Menlo Technologies), Hyderabad, May 2017 - June 2023

- Built executive compensation benchmarking platform using Spring Boot, Redis, and Postgres for Equilar Insight.
- Led team of 5 developers, managing feature releases, bug fixes, and system improvements.
- Improved code quality, system performance, and security feature.
- Set up complete integration between Credit Plus and Sage Intacct systems.
- Built bulk invoice processing system with Spring Batch and Microsoft Azure for Credit Plus Intacct Adapter.
- Created asynchronous processing for managing large financial data.

AI/ML SKILLS

- Predictive AI (ML Models)
- Generative AI (Open AI)
- Agentic AI (LangChain)
- LLMs, RAG, Vector DB
- Python, Fast API, MCP
- Streamlit, Chainlit
- Prompt Engineering
- AI Integrations into Apps

TECHNOLOGIES

- Languages:**
Java, Groovy, Kotlin, Python, JavaScript, SQL, PL/SQL
- Frameworks:**
Spring Framework
Spring Boot, Security, Cloud, Batch, AI, Hibernate, React, Quarkus, Flask, Node
- Container Technologies**
Open Shift, Kubernetes, Docker, Cloud Native Apps
- Cloud Platforms**
Google Cloud Platform, Microsoft Azure
- Systems Integration**
Kafka, Apache Camel, gRPC, IBM MQ, Tibco BW, REST
- Databases & Caching**
PostgreSQL, Oracle, MySQL, Redis, Elasticsearch

Systems Analyst & Application Developer

GAVS Technologies (Client: Abu Dhabi Commercial Bank),

Abu Dhabi, July 2014 - May 2017

- Created and maintained TIBCO-based Enterprise Service Bus connecting 40+ banking applications.
- Built Java libraries for SWIFT banking messages to improve transaction processing and compliance.
- Implemented Drools rule engine for automated decision making on corporate credit limits
- Set up monitoring dashboards, alerts, and logging systems to ensure smooth operations.

Senior Software Engineer

AurionPro Solutions, Mumbai, Aug 2010 - Feb 2014

- Started career as Trainee Software Engineer with NIIT training in Java, Struts, Hibernate, and Oracle database.
- Built corporate banking payment system for handling bulk and single payments.
- Created UI using JSP, JavaScript, and jQuery with Spring and EJB for backend.
- Connected multiple banking services including Fixed Deposits, Bill Payments, and Checkbook Requests.
- Worked on-site with clients for system testing, user acceptance, and production launch

PROFESSIONAL DEVELOPMENT

AI-powered Python Applications: Using Agentic Frameworks

Pluralsight, Skills, 2025

AI-powered Python Applications: Building APIs for Generative AI Models

Pluralsight, Skills, 2025

GitHub Actions: The Big Picture

Pluralsight, Skills, 2025

ACHIEVEMENTS

- Won company-wide Azure cloud technologies hackathon (2018)
- Runner-up in Azure AI tools hackathon (2019)
- Winner in blockchain and Web3 hackathon (2022)
- Winner in Generative AI hackathon (2024)

- **DevOps & CI/CD**

Jenkins GitHub Actions,
Terraform, Helm, Ansible,
Splunk

- **IT Troubleshooting Skills**

Application performance
Analyzing Network Issues
System integration issues
JVM troubleshooting
Analyze Heap Dumps

SOFT SKILLS

- Communication
- Teamwork
- Critical thinking
- Time management
- Leadership
- Adaptability

EDUCATION

M.C.A

Vels College Of Science,
University Of Madras,
Chennai – 2007 - 2010

B.Sc.

Sri Y.N College, Narsapur,
Andhra University,
Visakhapatnam - 2004 -2007

CERTIFICATIONS

[Azure Solutions Architect](#)

Microsoft
2024

[Associate cloud engineer](#)

Google Cloud
2024