









JAYESH PRAJAPATI

Java Architect

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CAREER SUMMARY

Working as an Expert Software Architect at Finastra Technologies, Pune. Joined as Sr. Manager DevOps in 2020 with 4+ years of experience in developing cloud-native microservices for the Corporate Banking domain. Before Finastra, worked as a Manager at SmartStream Technologies, Mumbai, from 2006 with over 14 years of experience in solution development within the BFSI domain. Prior to SmartStream, worked at Exceed Consultancy Services as a Software Engineer cum Build/Release Engineer, gaining around 2.5 years of experience in developing productivity and reporting tools.

WORK EXPERIENCE

Expert Software Architect | Sr. Manager DevOps Finastra

2020 - Present

Responsible for the architecture and technical solution design of new microservices as part of the Cash Management modernization journey. One key responsibility is to ensure high-quality development with stringent compliance in security, code quality, test automation, performance tests, penetration tests, and disaster recovery tests. Primarily, this is done by enabling the engineering team and closely coordinating with specialized teams. Experienced in developing and managing Multi-Factor Authenticator (MFM), Cross-Currency Network (CCN), and Virtual Account Manager (VAM). Also responsible for promoting these microservices on Fusion Operate, a managed hosted environment on Azure cloud. Currently working on the architecture and solution design of Liquidity Management services.

Achievements:

- Responsible for Architecture and solution design of Liquidity Management Solution that comprises of Liquidity UI, Liquidity service, Balance service, Netting service and Cashflow forecast (CFF) service
- Experience in producing high level and low level technical design
- Expertise in regular reviews of low level technical design and code reviews
- Close coordination with Principal Architect to review new technical solution
- Successfully completed trainings on Generative AI and Licese to lead programs
- Ensure the rating 'A' in quality gates for all the microservices
- Responsible for performance tests and performance tuning for new services
- Responsible for penetration tests and relevant fixes for new services
- Hackathon participation for innovation followed by a working prototypes and arranging for relevant demo
- Successfully managed development of Multi-Factor Management (MFM), Cross Currency Network (CCN) and Virtual Account Manager (VAM)
- Managed a team of 20+ personnel including FTE and Contract resources
- Arranged for multiple interview drives in close coordination with HR
- Active participation in weekly and monthly reporting to senior management
- Active participation in quarterly Program Increament (PI) planning and interim Sprint planning
- Conducted regular sprint retrospective and rollout agreed process changes wherever required
- Used Azure DevOps deployment pipeline to promote microservices through stages Dev, Perf, UAT and Production
- Used Azure DevOps deployment pipeline to conduct regular disaster recovery tests

Technologies used:

Java/J2EE Oracle DB Postgresql Liquibase Mybatis OpenAPI / Swagger SpringBoot Camel Angular Figma
Adobe XD Material Design Finastra Design System Visual Source Code NPM and Nodejs Markdown and Mermaid ActiveMQ
IBM MQ POI JMS JMX Java11 Java17 Gradle Ant Jupyter Notebook Azure cloud Azure DevOps
Github Actions Docker Kubernetes AppDynamics Grafana & Prometheus Checkmarx Mend (formerly Whitesource)
Burp Suite

Manager | Project Lead | Team Lead | Software Engineer SmartStream

2006 - 2020

Responsible for adapting client requirements to technical requirements in order to develop an appropriate solution for the customer. Responsibilities include analyzing process flows, consulting with clients, preparing design documents, taking part in project meetings, and supporting pre-sales staff. Extensive experience in development of Reference Data Utility (RDU) and Fees and Expense Management solutions (FEMS)

Achievements:

- Recognized as subject matter expert for TLM Transaction Fees and Invoice Management solution (TFIM) with-in FEMS business unit
- Contributed on daily basis towards Full Managed Services offering of TFIM On-Demand
- Contributed on weekly basis towards Application Support of TFIM On-Premise client
- Worked with clients post-implementation on user testing, debugging, support and maintenance
- Co-ordinated project planning, resource allocation, scope, schedule, status and documentation
- Conducted technical workshops and education sessions for customers, development, testing and dev-ops teams
- Managed team of 10 personnel focused on implementing resolutions and updates
- Collaborated closely with upper management to drive strategy through development and implementation of new processes
- Recommended architectural improvements, design solutions and integration solutions
- Improved development quality by implementing use of productivity tools like JIRA, Confluence, Bamboo, Jenkins, Sonar, BitBucket, Pull-request reviews, etc.
- Worked with quality assurance team to set up scripts, test case and automation protocols
- Development team re-presentative during SOC2 Type-II compliance audit
- Contributed in many TLM solutions - a) Transaction Fees and Invoice Management, b) Morpheus, c) Exception Management, c) Corporate Action Services and d) Reference Data Utilities (RDU)
- Gain expertise in a) Troubleshoot of performance issues, b) Enterprise Integrations and c) User Interface development

Technologies used:

Java/J2EE ActiveMQ Oracle DB MySQL DB PL/SQL SpringBoot Camel PDFBox POI JAXB JMS JMX
RMI REST JBoss WAS WebLogic Drools MVEL SmartClient/SmartGWT RAP/RCP JQuery OSGi
Fuse / ServiceMix Rackspace AWS

Software Engineer cum Build Release Engineer Exceed Consultancy Services

2004 - 2006

Responsible for contributing to product development as Java developer and managing processes around build / release. Contributed towards production support after gaining expertise on relevant products.

Achievements

- Provided application support for Actuate Formula One e-Reporting application
- Contributed in development of many productivity tools - a) Functional Test, b) Load Test, c) Java Profile and d) Agentless Monitor
- Migration of Java Swing UI to Eclipse SWT UI
- Gain expertise in developing COM/DCOM for establishing communication between Java application and Internet Explorer in-order to record/replay tests
- Gain experience of java bytecode manipulation using JVMPi and JVMTi
- Gain experience of installers - a) InstallAnywhere and b) Install4J
- Coordinated scheduled releases and updates

Technologies used:

Swing SWT PDE VC++ JNI Unix MacOSX HTML JavaScript CSS Tomcat HSQL

PERSONAL PROJECTS

Statements Manager Open Source

https://github.com/Jayeshecs/statements

Primary objective of this project was to facilitate personal finance management. Ease of uploading bank account statement via plug-in architecture. Secondary objective was to evaluate Apache Causeway framework and try DeepLearning4j framework for automatic categorization of transactions.

Achievements:

- Moduler project structure
- Add-on support for custom statement reader
- Inbuilt support for HDFC Bank, Kotak Bank, PayTM
- Specialized screens to manage transaction, manage static data and manage statement reader
- REST API
- Desktop Launcher
- Integration: Github + Travis CI + ReadTheDocs

Technologies used:

Java 17 Apache Causeway SWT HSQLDB PdfBox MVEL DL4J Apache Shiro Maven

SKILLS & TOOLS

Domain

Corporate Banking
Account Payables and Receivables
Investment Banking
Productivity Tools

Software Architecture

MS Visio, Mermaid, Drawio
ASVS, SAMM, Threat Modeling
Architecture Governance
Application Sizing

Artificial Intelligence

Copilot & Prompt Engineering
Azure OpenAI Services
Jupyter Notebook
Deeplearning4j

Cloud Technologies

Azure DevOps CI/CD & Github Actions
Cloud Shell (Google & AWS)
Azure Postgres PaaS
Azure Monitor & Log Analytics
AWS console
AWS EC2 and S3
AWS Domain & SSL

Frontend

Angular & Material design
JQuery / SmartClient
GWT / SmartGWT
Bootstrap 4 & 5
Swing / SWT
TLM™ SmartStudio
Apache Causeway Viewer

Backend

Spring / Camel / ServiceMix
Hibernate / Datanucleus / MyBatis
Spark / Hadoop
TLM™ Control
Apache Causeway Domain Services
Oracle/MySQL/Neo4j/H2/Postgres

Project Management

Aha! Roadmap Software
Portfolio for JIRA
Microsoft Office 365
Microsoft Teams
Agile and Scrum

Mobile

Android Studio
Firebase

Others

Generative AI DevOps Code Review
Git Ofbiz & Scpio Unit Testing Agile
JIRA Wiki CI AWS Blockchain
Eclipse & VSCode Drools / MVeL

EDUCATION

PGD in Software Technology

C-DAC (formerly NCST)
2003 - 2004

B.Sc. Physics

Mumbai University
2001 - 2003

LANGUAGE

English (Professional)

Hindi (Professional)

Gujarati (Native)

Marathi (Native)

INTERESTS

Movies, Shows and Shonens
Travelling
Reading
Cricket and Football