JAYESH PRAJAPATI

Solution Architect

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CAREER SUMMARY

Working as Senior Manager at Finastra Technologies, Pune since 2020 with 3+ years of experience in developing cloud native microservices for Corporate Banking domain. Before Finastra worked as Manager at SmartStream Technologies, Mumbai from 2006 with over 14+ years of experience with solution development in BFSI domain. Before SmartStream, worked at Exceed Consultancy Services as Software Engineer cum Build/Release Engineer. Around 2.5 years of experience in developing productivity tools and reporting tools.

WORK EXPERIENCE

Senior Manager Development Operations — Finastra
2020 - Present

Responsible for managing development operations of new microservices as part of Cash Management modernization journey. One of the key responsiblity is to ensure high quality development with very stringent compliances of Security, Code quality, Code coverage, Test automation and Disaster Recovery tests. Experience in developing and managing Multi-Factor Authenticator (MFM), Cross-Currency Network (CCN) and Virtual Account Manager (VAM). Also, responsible to promote these microservices on Fusion Operate, which is product environment hosted on Azure.

Achievements:

- Currently working on Liquidity Management Solution that comprises of Liquidity UI, Liquidity service, Balance service and Cashflow forecast (CFF) service
- Along side managing previously built Multi-Factor Management (MFM), Cross Currency Network (CCN) and Virtaul Account Manager (VAM)
- Regular review of technical design and code changes
- For each microservices, responsible to ensure rating 'A' in SONAR quality gates
- Perform regular security scan using tools like Checkmarx, Whitesource, Burp, etc. and ensure zero Critical, High and Medium vulnerabilities
- Conduct performance tests and tuning for OpenAPI to meet NFR
- Active participation in working prototypes and arranging for relevant demo
- Close coordination with Principal Architect to review new technical solution
- Managed a team of 20+ personnel including FTE and Contract resources
- Co-ordinated 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` `ActiveMQ` `IBM MQ` `Oracle DB` `Postgresql` `Azure DevOps` `SpringBoot` `Camel` `POI` `JMS` `OpenAPI` `Swagger` `Java11` `Angular` `Material Design` `Finastra Design System` `Visual Source Code` `Markdown and Mermaid` `Figma` `Adobe XD` `AppDynamics` `Grafana` `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-implementation 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) Troubleshot of performance issues, b) Enterprise Integrations and c) User Interface development

Technologies used:

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

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 Isis 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 8` `Apache Isis` `SWT` `HSQLDB` `PdfBox` `MVEL` `DL4J` `Apache Shiro` `Maven`

SKILLS & TOOLS

Domain
- Corporate Banking
- Account Payables and Receivables
- Investment Banking
- Productivity Tools

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

Frontend
- Angular
- JQuery / SmartClient
- GWT / SmartGWT
- Bootstrap 3 & 4
- Swing / SWT
- TLM™ SmartStudio
- Apache Causeway Viewer

Backend
- Spring / Camel / ServiceMix
- Hibernate / Datanucleus / MyBatis
- Spark / Hadoop
- DeepLearning4j
- TLM™ Control
- Apache Isis Domain Services
- Oracle/MySQL/Neo4J

Mobile
- Android
- Cordova
- jQuery Mobile

Others
`DevOps` `Code Review` `Git` `Unit Testing` `Agile` `JIRA` `Wiki` `CI` `AWS` `Blockchain` `Eclipse` `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