

CHANDAN KUMAR PATEL

chandan.patel389@gmail.com

(614) 779 9266 | <https://www.linkedin.com/in/chandan-patel-39956138>

PROFESSIONAL SUMMARY

- Software Engineer with thorough hands on knowledge and 5+ yrs. experience in application designing, implementing, debugging and maintaining Java/J2EE applications.
- Expertise developing Multi-tier enterprise level web applications using J2EE technologies including Servlets, JSP, Spring, Spring boot, JDBC, XML, Java Multi-threading API, SOAP and Restful Web services.
- Expertise working with DevOps Technology e.g. SCM, Jenkins, Nexus, AWS, Docker, Container.
- Good experience in Spring framework - Spring Core, IOC, Spring MVC, SWF, Spring Boot etc.
- Good knowledge of front end frameworks like Vue JS.
- Extensively worked on development of web based applications using Spring MVC, Spring Web Flow, Spring Boot.
- AWS Certified in "Solutions Architect - Associate".
- Experience in security maintenance, monitoring and logging systems on AWS.
- Experience in Administration and Architecture of Amazon AWS cloud platform.
- Implemented RDS encryption, Multi-AZ setup and designed backup, used RDS endpoint to deal with failover on primary RDS instance.
- Experience in using AWS including EC2, Auto-Scaling, setting up IAM, configuring ELB, S3, CloudFront, Dynamo DB, Cloud Watch, VPC, Route53, API Gateway.
- Have overall excellent understanding on AWS platform and able to put the Orchestration real quick for hosting web servers.
- Highly result oriented, pro-active, proven abilities to learn new technologies quickly and ability to work in a team or as an individual.

TECHNICAL SKILLS

Programming Language: Java, Java EE, Groovy

Internet Technology : HTML, CSS, Java Script, JQuery, AJAX, JSON, XML, Vue JS

DevOps Technology : Jenkins, git/stash/bitbucket, sonarQube, Nexus, Selenium, Powershell script, Shell ,Groovy script, Amazon Web Service (AWS)

Cloud Computing : AWS EC2, S3, VPC, Beanstalk, Lambda, RDS, CloudFormation etc.

Frameworks : Spring MVC, Spring Web Flow, Spring Boot

Tools : Eclipse IDE, RAD, Mockito Framework

Database : Oracle, DB2

Other Exposure : PHP, Groovy

OS : Windows, Linux, Mac

Project Management : JIRA, HP-ALM

SOA : REST and SOAP based services using JSON/XML messages

EDUCATION

- Masters of Computer Application - June 2012.
- Bachelor of Computer Science - July 2008.

PROFESSIONAL EXPERIENCE

Project	: EBK-SDP
Client	: JP Morgan & Chase
Type	: Development, Maintenance and Enhancement
Technologies/Tools	: Java, Eclipse, Git/Stash, Source Tree, Apache Tomcat, Maven, Jenkins, Nexus-Sonatype, Jboss, SQL Developer, Filezilla, Groovy, JavaScript, AWS Services, Mockito
Role	: Senior Software Engineer - Application Developer / DevOps Engineer / AWS Engineer
Duration	: March 2015 – Till Date

Enterprise Banking Kiosk (EBK) is the advanced ATM kiosk of Chase bank, ability to perform all ATM task equipped with advanced feature like accept Check real time. Objective is to replace human interactions in the future.

Responsibilities:

- Application Developer for new functionalities being introduced and as Support/Maintenance Engineer for the existing functionalities of Self Directed Platform application (SDP) and the non-prod servers.
- Work on design and development of modules.
- Follow agile methodology, interacts with scrum master and product owner regularly to understand criticality and fix the issue quickly if needed.
- Interact with Business Analysts and Technical Leads to understand requirements.
- Work on creating REST APIs using Java SpringBoot framework.
- Write Junit test case and include in the build pipeline which runs for every build.
- Use Mockito to mock test objects for unit test.
- Designed and created Jenkins library using Groovy + Shell scripts for 3 applications, currently being used as the build pipeline library and provide one click automation of Development to Production orchestration.
- Perform DevOps activities includes Jenkins configuration, internal deployment tool modification and improving existing build and deployment process.
- Jenkins library streamlines end to end Development to Deployment process spanning across 40+ environments / servers, multiple parallel releases, monthly production deployments and helped upgrading new modern server and client smart software's to enable 20,000 ATM machines to cater 60 million customer base.
- Enabled 16 scrum teams in terms of CI, CD
- 1.5M new LOC, build time reduced from 45mins to 7 mins
- Automated deployments to 40+ Server environments - reduced significant time and manpower
- Zero automated test to 9000 daily automated scripts

- 3 automated application push to cloud
- Write shell/groovy scripts for several DevOps automation which cut down execution time to more than half what it earlier used to take.
- Collaborate with existing Development, Engineering and Operations team and enabled them creating continuous integration, continuous Deployment, Automated testing and Visual Dash boarding each process, stages using the best of DevOps technology stacks namely like Jenkins pipeline, Selenium, Cucumber, PWS. Agile Coaching, Scrum Master and Cloud enablement & support services.
- Manage and configure AWS services.
- Experienced in designing the referential architecture for migrating from on premises environment to AWS site using Cloud Formation templates.
- Costing, designing, building and managing the infrastructure environments needed for the projects in the AWS hosting platform.
- Utilize AWS VPC to create VPC, designed 2-tier web architecture, while taking benefits of public and private sub netting features.
- Orchestration span across multiple AZs to have high availability and fault tolerance.
- Created database on AWS RDS with mutli-AZ feature and read replica to support performance testing with automated read centric load test.
- Configure Network ACL and security groups, whitelisted IPs.
- Put Jenkins on EC2, configure SSH, and created build deploy pipeline orchestration.
- Utilized AWS API Gateway to create a client facing API, used caching and staging features of API Gateway.
- Automated the cloud deployments using Jenkins.
- Used Selenium Grid hosted on EC2 and applied functional testing across different platform.
- Deep understanding of AWS services in areas of security, load balancers, hypervisors, monitoring, network topologies, storage, Identity and Access Management, NACLs, Security Groups, Bastion Host, NAT instances, setting rules to control the inbound and outgoing traffic etc.
- We use Agile practices and Test Driven Development (TDD) techniques to provide reliable and working application on very quick turnaround.

Project	: Customer Assist - KYC
Client	: JP Morgan & Chase
Type	: Development
Technologies/Tools	: Java, Spring Web Flow, Eclipse, Git/Stash, Source Tree, Apache Tomcat, Maven, DB Visualizer
Role	: Application Developer, Module Lead
Duration	: 01/2014 to 03/2015

Customer Assist is a banker web application, provide ability to open account for business and retail customer. CA works with various modules; KYC is a set of module which gathers customer/business demographics and passes to the parent application.

Responsibilities:

- Worked on design, develop/modify existing use cases, coordinates with Business Analyst.
- Contributed as sole developer of KYC CDD module.
- Develop KYC CDD module of a major US bank, adhering to coding standards and various best practices associated with the project.
- Developed module as web service which is easy to plug to any parent application.
- Worked as team player for developing individual and business demographics page, which collects customer information while implementing very complex business rules.
- Interacting with Business Analysts on use case implementation.
- Create technical specifications based on functional design and high level design document.
- Coded KYC modules requirements of complexity ranging from Low to complex and fixing defects raised while testing.
- Refactoring of code to support new service level architecture which was moved from SOAP to REST.
- Fixing production issues.
- Executing Assembly Test Cases and implementing and executing Unit Test Cases.
- Peer code Review.
- Led the team of 3 members, assigned respective tasks. Worked on complete SDLC.

Project	: Customer Assist (CA)
Client	: JP Morgan & Chase
Type	: Development, Enhancement and Maintenance
Technologies/Tools	: Java, Spring Web Flow(SWF), Google Web Toolkit(GWT), JSP, Java Script, Ajax, Junit, SQL, Maven, GIT
Role	: Application Developer
Duration	: 07/2012 - 01/2014

An application used by banker for activities like Opening/Maintaining customer account, maintaining customer profile, Issuing Credit Cards, Originating Loan etc.

Responsibilities:

- Understand the application and underlying architecture.
- Defect fixing and unit testing.
- Understand TDD and implement DMs.
- Troubleshoot and resolved application issues escalated from customer support and other departments.
- Assembly testing and build validation.
- Always lead post-implementation troubleshooting of use cases.
- Worked in different phases of SDLC like analyze, design, build, unit testing and integration testing.
- Responsible for implementing a Search Tool on NAIC codes using GWT and JSP. The tool was reused in 4 modules of Customer Assist and KYC.
- Created reusable component for Paperless Statement Maintenance in SWF and GWT. Enhanced the performance by caching data and avoiding multiple backend calls.

ACCOMPLISHMENTS

- Certification:
 - o 'AWS Solution Architect - Associate' with 89% score.
- Created platform to streamline end to end Development to Deployment process, with the advanced DevOps platform, the client is able to faster to market their changes, reduced operational cost with less manual work.
- Winner of the Accenture Celebrate Excellence (ACE) award for creating tool to improve build activity which saves manpower.

STATUS

- Work Authorization : H1-B