Sankara Sarma Akella

TECHNICAL LEAD JAVA BACKEND - CLOUD SERVICES AND...

sankara.sarma@wipro.com

10.2 years in role, 14.4 years at company

Wipro

BITS - Pilani University, Loyola Acadamy Degree & PG College College

Core Java, Hibernate, Spring, English Language, Java-J2ee, Oracle SQL

Ruban Stalin Prabahar Isaac (Manager)

Highlights

Top Indian College: BITS - Pilani University`

Skills

Core Java | Hibernate | Spring | English Language | Java-J2ee | Oracle SQL | JavaScript | PL-SQL | HTML 5 | Java Servlets | MS SQL | jQuery | JSP - Java Server Pages | CSS3 | Jenkins | Jax-RS - Java API- RESTful Web Services | Spring Boot | Cloud Aws Admin | Angular JS | Apache Maven | Node JS | Docker | Unit Testing | DevOps | Splunk - Analytics | Jms - Java Messaging Service | Microservices | Git-Scm - Version Control System | Angular 2 | Angular 4.0 | Spring Batch | Pivotal Cloud Foundry | Microservices Architecture | Enterprise Platform Java Microservices | Multithreading | Groovy Scripting | Ilog | Pivotal Gemfire | Generative AI | Oracle | Behavioral Driven Development Testing | Java/J2ee | Unix - Implementation and Maintenance | API- OpenSource | App-PCF Services | Ample Scripting | Wiremock | Reactive Architecture | Git | Testing

Experience

Technical Lead - L1
Wipro, O Fallon, Missouri, USA
Nov 2023 - Current (1 year, 4 months)

Java | Agile Methodologies | Requirements Analysis | Software Development | Microservices | Spring Boot | Spring | Redis | Mockito | Wiremock | JUnit | Pivotal Cloud Foundry | Core Java | Java Enterprise Edition

BAN-MAS-MD-CAS | WBS120230606103657 | 37742/P03/B28/S35
Mastercard Consumer Authentication Solutions (CAS) application. CAS is a suite of services that provide authentication of an online transaction. CAS make eCommerce more secure by providing the identity check and verification of a credit card transaction through a three-step process verifying the merchant, the card number, and the cardholder. Secure code is an internet-based protocol used to implement the Mastercard or Visa authenticated payment program for cardholder authentication during an online purchase transaction. Identity check is the next generation of authentication, with added services including risk based decisioning, value scoring using data science algorithms as well as device-based authentication. Identity check (aka selfie pay) mobile allows biometric authentication on mobile devices. Smart Interface provides merchants easy and simplified access to EMV3-D Secure.
The scope of the project is development and maintenance of Mastercard transaction security products. All new feature developments and enhancements will be released as initiatives. At each planning initiative, all application development, enhancements and support work should be defined as features. Once feature work agreed with all project stakeholders and estimations should be provided. Projects risks should be identified, and risk mitigation should be documented. All initiative works and respective features should be tracked closely with the team. All work should be stored in GIT code repository, code should be peer reviewed by team via Bit Bucket. Once coding phase is complete, testing phase should start and should be done recursively until expected functionality has been achieved enhancements. Once testing phase is completed, applications must be deployed into higher environments-STAGE, PEAT, SANDBOX, PROD as per Detailed Implementation Plan documentation. Provide post implementation support.

Developer - L3
Wipro, O Fallon, Missouri, USA
May 2022 - Oct 2023 (1 year, 6 months)

Java | Agile Methodologies | Requirements Analysis | Software Development | Microservices | Spring Boot | Spring | Redis | Mockito | Wiremock | JUnit | Pivotal Cloud Foundry | Core Java | Java Enterprise Edition

BAN-MAS-MD-CAS | WBS120230606103657
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Developer - L3
Wipro, Hyderabad, Telangana, India
Mar 2022 - Apr 2023 (1 year, 2 months)

Java | Agile Methodologies | Software Development | Requirements Analysis | Microservices | Spring Boot | Mockito | Wiremock | JUnit | Pivotal Cloud Foundry | Spring Core | Spring | Core Java | Java Enterprise Edition

BAN-MAS-MD-CAS | OPP000296793
Mastercard Consumer Authentication Solutions (CAS) application. CAS is a suite of services that provide authentication of an online transaction. CAS make eCommerce more secure by providing the identity check and verification of a credit card transaction through a three-step process verifying the merchant, the card number, and the cardholder. Secure code is an internet-based protocol used to implement the Mastercard or Visa authenticated payment program for cardholder authentication during an online purchase transaction. Identity check is the next generation of authentication, with added services including risk based decisioning, value scoring using data science algorithms as well as device-based authentication. Identity check (aka selfie pay) mobile allows biometric authentication on mobile devices. Smart Interface provides merchants easy and simplified access to EMV3-D Secure.
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Developer - L3
Wipro, Hyderabad, Telangana, India
Feb 2020 - Feb 2022 (2 years, 1 month)

Java | Core Java | Java Enterprise Edition | REST Web Services | Spring Boot | Pivotal Gemfire | Angular | Microservices | Pivotal Cloud Foundry

B-F-MAS-PJ-FSP | BAM-MIN-MD-L3-PRDCT | OPP000296793
Mastercard Transaction Security products such as Decision Intelligence, Fraud Rule Manager, Authorization IQ, Expert Monitoring System, Stand-In empowers issuers, acquirers, and merchants with the ability to quickly assess fraud risk associated with the transaction and take necessary actions . Fraud risk level will be identified based on transaction data collected using technologies neural network, case-based reasoning, and data mining and are developed using transaction and reported fraud information as well as data assets collected from issuers, merchants, and card brands.
The scope of the project is development and maintenance of Mastercard transaction security products. All new feature developments and enhancements will be released as initiatives. At each planning initiative, all application development, enhancements and support work should be defined as features. Once feature work agreed with all project stakeholders and estimations should be provided. Projects risks should be identified, and risk mitigation should be documented. All initiative works and respective features shouldbe tracked closely with the team. All work should be stored in GIT code repository, code should be peer reviewed by team via Bit Bucket. Once coding phase is complete, testing phase should start and should be done recursively until expected functionality has been achieved enhancements. Once testing phases completed, applications must be deployed into higher environments-STAGE,PEAT, SANDBOX, PROD as per Detailed Implementation Plan documentation. Provide post implementation support.

Developer - L1
Wipro, Hyderabad, Telangana, India
Sep 2020 - Sep 2020 (1 month)

Data Binding

FED-Assignment-Angular | Built-in directives and data binding

Developer - L3
Wipro, Hyderabad, Telangana, India
Dec 2018 - Jan 2020 (1 year, 2 months)

BAN-MIN-MD-ESS-L3-STL
Mastercard Fraud and Loss Database (FLD) application facilitates Mastercard to collect fraud data from issuers and acquirers and stores fraudulent transaction data into database, which serves as the source of fraud data with-in Mastercard. FLD collects various transaction data formats via UX and batch mode and store them for data mining and analyze fraud trends.
The scope of the project is development and maintenance of Mastercard FLD application. All new feature developments and enhancements will be released as initiatives. At each planning initiative, all application development, enhancements and support work should be defined as features. Once feature work agreed with all project stakeholders and estimations should be provided. Projects risks should be identified, and risk mitigation should be documented. All initiative works and respective features should be tracked closely with the team. All work should be stored in GIT code repository, code should be peer reviewed by team via Bit Bucket. Once coding phase is complete, testing phase should start and should be done recursively until expected functionality has been achieved enhancements. Once testing phase is completed, applications must be deployed into higher environments-STAGE, PEAT, SANDBOX, PROD as per Detailed Implementation Plan documentation. Provide post implementation support.

Developer - L2
Wipro, Hyderabad, Telangana, India
Oct 2016 - Nov 2018 (2 years, 2 months)

BAN-MIN-PJ-ESS-CAPACITY
Mastercard Account Billing Updater (ABU) products enables issuers, merchants, cardholders, and acquirers to efficiently communicate account number changes and or expiration date updates to reduce card-not-present (CNP) declines with card-on-file and recurring payment merchants. Cardholders increasingly provide their account number and expiration date to CNP merchants either on a card-on-file or recurring basis for future transactions. ABU helps reduce CNP declines caused by changes to the stored account information. When card numbers and expiration dates do change, ABU helps ensure that corresponding CNP transactions will successfully process.
The scope of the project is development and maintenance of Mastercard ABU application. All new feature developments and enhancements will be released as initiatives. At each planning initiative, all application development, enhancements and support work should be defined as features. Once feature work agreed with all project stakeholders and estimations should be provided. Projects risks should be identified, and risk mitigation should be documented. All initiative works and respective features should be tracked closely with the team. All work should be stored in GIT code repository, code should be peer reviewed by team via Bit Bucket. Once coding phase is complete, testing phase should start and should be done recursively until expected functionality has been achieved enhancements. Once testing phase is completed, applications must be deployed into higher environments-STAGE, PEAT, SANDBOX, PROD as per Detailed Implementation Plan documentation. Provide post implementation support.

Developer - L2
Wipro, Hyderabad, Telangana, India
Jan 2013 - Sep 2016 (3 years, 9 months)

MC-ADMM-DEVMAINT-SA2
Mastercard ESS (Enterprise Security Solution) helps Issuers, Acquirers, Merchants and Governments to handle frauds. It hosts 15 different business products and services like Mastercard Digital Enablement System (MDES), Risk based decisioning (RBD) which detects anomalies at transaction and customer level. ESS provides Mastercard customer monitoring product helps to monitor, manage and mitigate financial exposure at customer level. ESS has best in class fraud transaction monitoring
Mastercard Expert Monitoring System (EMS), which uses rule-based technology, is a real time web based, early fraud detection system. Fraud and Risk experts in issuing and acquiring banks, government agencies across the globe can navigate through easy-to-use EMS Graphical User Interface (GUI), to add new rules to identify new fraud trends and thus allowing you to keep fraud database up to date. EMS is a thin-client application making deployment easier, thereby reducing the IT resources required in managing solutions. It can leverage iPrevent, an Artificial Intelligence (AI) suite, to create a real-time online system with the ability to evaluate the risk associated with any particular transaction, and to deny suspicious authorization requests.
This is a maintenance and development project and supports the existing platforms on Unix and Windows environments. Different phases applicable in this project are functional requirement gathering, preparation of functional requirement document, prepare design, provide estimate, development, unit and development of application, test case preparation and testing, application deployment, post implementation, support and warranty. The migration analysis must be performed to understand the impact if there is a change request to existing platform. After analysis, coding and unit testing of beyond enrollment system will be performed. The modified added source code, scripts, configuration changes should be peer reviewed and checked into version control system. No production issue should arise at the customer site ex: solutions like merchant and issuer scoring services, digital provisioning, risk scoring etc.
The scope of the project is development and maintenance of Mastercard ESS services. All new feature developments and enhancements will be released as initiatives. At each planning initiative, all application development, enhancements and support work should be defined as features. Once feature work agreed with all project stakeholders and estimations should be provided. Projects risks should be identified, and risk mitigation should be documented. All initiative works and respective features should be tracked closely with the team. All work should be stored in GIT code repository, code should be peer reviewed by team via Bit Bucket. Once coding phase is complete, testing phase should start and should be done recursively until expected functionality has been achieved enhancements. Once testing phase is completed, applications must be deployed into higher environments-STAGE, PEAT, SANDBOX, PROD as per Detailed Implementation Plan documentation. Provide post implementation support.

Developer - L1
Wipro, Hyderabad, Telangana, India
Apr 2011 - Dec 2012 (1 year, 9 months)

BF-MIN-MD-EMSLOCAL
Mastercard Expert Monitoring System (EMS), which uses rule-based technology, is a real time web based, early fraud detection system. Fraud and Risk experts in issuing and acquiring banks, government agencies across the globe can navigate through easy-to-use EMS Graphical User Interface(GUI), to add new rules to identify new fraud trends and thus allowing you to keep fraud database up to date. EMS is a thin-client application making deployment easier, thereby reducing the IT resources required in managing solutions. It can leverage iPrevent, an Artificial Intelligence (AI) suite, to create a real-time online system with the ability to evaluate the risk associated with any particular transaction, and to deny suspicious authorization requests.
This is a maintenance and development project and supports the existing platforms on Unix and Windows environments. Different phasesapplicable in this project are functional requirement gathering, preparation offunctional requirement document, prepare design, provide estimate, development,unit and development of application, test case preparation and testing,application deployment, post implementation, support and warranty. Themigration analysis must be performed to understand the impact if there is achange request to existing platform. After analysis, coding and unit testing ofbeyond enrollment system will be performed.
The modified added source code,scripts, configuration changes should be peer reviewed and checked into versioncontrol system. No production issue should arise at the customer site.

DEVELOPER
Wipro, Hyderabad, Telangana, India
Jan 2011 - Mar 2011 (3 months)

MC-ADMD-EIS DEVELOPMENT
Beyond Enrollment is a project that enables customers to enroll in Mastercard products.
This is a maintenance and development project and supports the existing platform on Unix environment. Different phases applicable in this project are functional requirement gathering, preparation of functional requirement document, prepare design, provide estimate, development, unit and development of application, test case preparation and testing, application deployment, postimplementation, support and warranty. The migration analysis must be performed to understand the impact if there is a change request to existing platform. After analysis, coding and unit testing of beyond enrollment system will be performed.
The modified added source code, scripts, configuration changes should be peer reviewed and checked into version control system. No production issues should arise at the customer site.

Education

B

M.S., Software Engg
BITS - Pilani University , India
Jan 2011 to Dec 9999

Part time course

L

B.Sc., Computer Applications
Loyola Acadamy Degree & PG College College , India
Jun 2007 to Dec 9999

Full time courses