Eswaran Rengan
Technical Architect

⊙ Chennai, TN, India   ☎ 91-9500377473   ✉ eswaran.rangan@gmail.com

Results-driven Technical Architect with 14 years of experience in designing, developing, and maintaining software applications. Adept at full-stack development, with a strong focus on delivering high-quality code and scalable solutions. Proven track record of collaborating with cross-functional teams to meet project goals and deadlines.

Summary

- ✓ 14 years of experience in software application development and Maintenance in Banking and Airline domain.

- ✓ Specialized in 5 years of experience in payment System design and development with Instant payment rollout with GPPSP product processor.

- ✓ Specialized in System design and analyzing business requirements, writing business logics, coding, debugging, code reviewing and unit testing

- ✓ Have been working Banking Instant payment development (Trade and treasury, Payment and Receivables)

- ✓ Have been working Banking application development (Client Account Information, Document Generation and Private Wealth Equity Research).

- ✓ Have been worked an Airline application development (Passenger Services and Airport Check-In Operations and Ticketing).

- ✓ Hands on experience in Java/J2EE application development.

- ✓ Hands on experience in Angular framework

- ✓ Hands on experience in Spring boot, Spring Core, JDBC Template, MVC and Web service development,

- ✓ Hands on experience in Hibernate application development

- ✓ Hands on experience in creating and consuming SOAP Web service using JAX-WS

- ✓ Hands on experience in creating and consuming REST Web service using JAX-RS Jersey implementation

- ✓ Experience in Architect, design and development of object-oriented application.

- ✓ Experience in Business requirement gathering, Functional and Technical specification prototype design, Impact assessment, Estimation and consulting.

- ✓ Experience in writing high and low level technical design and software specification document.

- ✓ Having excusive experience in leading team

- ✓ Has excellent problem solving, debugging skills and commitment towards quality deliverables and took ownership of few modules and lead multiple teams

Skills

- Java/J2EE
- Apache Kafka
- AWS IAM, EC2, S3 and VPC
- JAX-RS - REST
- Angular 10.X
- Spring boot 3.x
- Open-shift Cloud
- IBM MQ
- MONGO
- JPA

Project Experiences

Techincal Architect | Australia Express Payment Gateway | October 2021 - Present

- Involving in Business requirement gathering, Functional and Technical specification design
- Preparing core system prototype for Australia Clearing Integration
- Preparing Impact assessment, Estimation and consulting for project Execution
- Preparing low level technical design document and class diagrams for implementation
- Developing Spring boot Microservice API to connect Australia Clearing system
- Developing Spring boot based Payment Gateway Engine to perform cycle of validation check such as Encoding/Decoding, Encryption/Decryption and Schema validation.
- Strategy planning on Version control and Openshift cloud deployment

Techincal Architect | Australia NPP - Payto Initiator | January 2024 – September 2024

- Taken complete ownership from leadership side to execute the project and promoted to Production as per timeline assessed.
- Preparing Impact assessment, Estimation and consulting for project Execution.
- Involved in Business requirement gathering with Australia Product and Cuscal, A third party partner on Functional and Technical specification design
- Taken leadership and implemented solution on Mandate Life cycle implementation between Citi and Australia mandate Management system via Third party system Cuscal.
- Taken leadership and implemented solution on Mandate based payment initiation processing as Citi as Initiator between Citi and Australia mandate Management system via Third party system Cuscal.
- Prepared system architecture and low level technical design document and class diagrams for implementation

Techincal Lead | Australia Instant Payment Migration to Global Common Core | July 2022 – December 2023

- System architecture and solution design
- Preparing low level technical design document and class diagrams for implementation
- Designed and implemented API's for processing Incoming payment and Incoming returns, which is receiving from Australia AP+ Scheme and processed at GPPSP Payment Processor

- Designed and implemented API's for processing Outgoing payments, which is receiving from Australia Citi Customer and processed at GPPSP Payment Processor
- Designed and implemented API for outgoing dispute solution such Proactive Return, Outward recall and Return, which is receiving from Citi customers via CPI and Send to Other Beneficiary bank
- Designed and Implemented API for interfacing downstream application such Flex (Earmarking and Posting), Citi Screening (Screening Against Sanctions), STaR (Dispute Case Management) and CPI application for Payment lifecycle
- Designed and implemented API for downstream system such as E2E, COTS, GIW and Bigdata for Reporting

Technical Lead | Cloud Migration – US Faster Payment system | Feburary 2022 - June 2022

- Design architecture for Openshift Cloud migration
- CI/CD implementation for deployment with Light speed, jenkin and uDeploy
- Writing functional and Software specification documents
- Enriched Existing API to adopt with Openshift.
- Enriching API's to consume the transactions from MQ STE.
- Attending regular project review calls / meetings. Monitor and escalate issues effectively, ensuring clear communication channels and timely voicing of risks on the projects
- Involving technical code review for quality assurance

Techincal Lead | Thailand Proactive Refund Implementation | Auguest 2021 – January 2022

- System architecture and solution design
- Preparing low level technical design document and class diagrams for implementation
- Designed and implemented API for outgoing dispute solution such Proactive Return, Outward recall and Return, which is receiving from Citi customers via CPI and Send to Other Beneficiary bank
- Designed and Implemented API for interfacing downstream application such Citi Screening (Screening Against Sanctions), STaR (Dispute Case Management) and CPI application for Payment lifecycle

Team Lead | Vietnam and Taiwan- Instant Payment rollout | May 2020 – Auguest 2021

- System architecture and solution design
- Preparing low level technical design document and class diagrams for implementation
- Designed and implemented API's for processing Incoming payment and Incoming returns, which is receiving from Taiwan and Vietnam Scheme and processed at GPPSP Payment Processor
- Designed and implemented API's for processing Outgoing payments, which is receiving from Australia Citi Customer and processed at GPPSP Payment Processor
- Designed and implemented API for outgoing dispute solution such Proactive Return, Outward recall and Return, which is receiving from Citi customers via CPI and Send to Other Beneficiary bank
- Designed and Implemented API for interfacing downstream application such Flex (Earmarking and Posting), Citi Screening (Screening Against Sanctions), STaR (Dispute Case Management) and CPI application for Payment lifecycle

Senior Programmer | Payment – Replay user interface | November 2019 – April 2020

- Taken ownership on developing user interface with Angular 10.x
- Designed and implemented Citi site-minder SSO integration via EERS
- Designed and implemented role based access using JWT
- Designed and implemented user interface to retrieve all failed transactions from Product Processor.
- Designed and implemented user interface to retrieve Replay failed transaction with MAKER and CHECKER role integration.
- Designed and implemented user interface to dashboard the transactions status with lifecycle Event.
- Designed and implemented Excel based real time reporting on Failed transactions.

Technical Lead | HCL-UBS | CAI – Client Account Information | November 2016 – November 2019

- Developing new modules and enhancing existing modules
- Writing functional and Software specification documents
- Involving in Business requirement gathering, Functional and Technical specification prototype design, Impact assessment, Estimation and consulting.
- Preparing low level technical design document and class diagrams for implementation
- Designing architecture flow by adhering to existing framework.
- Attending regular project review calls / meetings. Monitor and escalate issues effectively, ensuring clear communication channels and timely voicing of risks on the projects
- Involving technical code review for quality assurance.

Technical Lead | Hexaware | Single Network Application | May 2014 – November 2016

- Developing new modules and enhancing existing modules
- Writing functional and Software specification documents
- Involving in Business requirement gathering, Functional and Technical specification prototype design, Impact assessment, Estimation and consulting.
- Preparing low level technical design document and class diagrams for implementation
- Designing architecture flow by adhering to existing framework.
- Attending regular project review calls / meetings. Monitor and escalate issues effectively, ensuring clear communication channels and timely voicing of risks on the projects
- Involving technical code review for quality assurance.
- Developed two important modules Revenue Shopping and Voluntary reissue

Member technical Staff | HCL | Cisco Prime Network | June 2011 – April 2014

- Providing inventory support for cable devices like UBR, ASA and RFGW 10
- Supporting New modules and enhancing existing module
- Involving technical code review for quality assurance
- Providing Event/Fault management support for IOS networking device

- ➢ Resolving customer's AD-HOC query support.
- ➢ Taking technical training to internal team

EDUCATION

Bachelor of Engineering in Computer Science | Government college of Engineering, Salem | May 2011

- Relevant Courses: Data Structures, Algorithm Analysis, Software Engineering, Database Management