

MR. SUBRAMANI CHINNASAMY

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Personal Profile

- Senior Java Full Stack Developer with more than **18+ years** of working experience on various disciplines like Design, Development, Deployment, **UI Development** and Support on Java/JEE and Open-Source Frameworks like Spring, Spring Boot and Hibernate.
- Strong understanding and working experience in **Agile** environment using either **Scrum/Kanban** process.
- Strong payments domain experience integrating with Visa, Mastercard. FinTech experience working on OLTP platform and clearing and settlement experience on **payments platform**.
- Reliable, conscientious and **hardworking** with **good communication skills** and the ability to deal with people at different levels.
- **Flexible** and **adaptable to new technologies** with a positive approach to all aspects of work
- Able to **work independently** by taking **initiative** and being a team player to achieve tight project deadlines.
- I am Well-organized, customer focused and take pride in my work.
- I Like new challenges but also have perseverance to see things through.
- **Proficient in Java and JEE Design Patterns.**

Technical skills

Languages

- Proficient in: Java, JEE

Software & Technologies

- Open-source Frameworks: **Spring IoC**, Spring Boot, Spring Batch, Spring Data, Spring Cloud, **Spring MVC**, **Hibernate**, **JPA**.
- Technologies: **RESTful Webservices**, JMS, Kafka, Microservices, Hazelcast, Apache Spark, MongoDB, Cosmos DB, Elastic Search.
- Cloud Infrastructure: **AWS Cloud Services** like EC2, Lambda, S3, Serverless, Lambda, Amazon Elasticsearch and Cloud formation, API Gateway, **Microsoft Azure** like VM, **Azure API Gateway**, **Cosmos DB**.
- Testing Frameworks: **JUnit**, **Mockito**, **Hamcrest**, **WireMock**, Cypress, Playwright, Selenium, Cucumber.
- Continuous Integration: **Jenkins**, **Bamboo**.
- Configuration Management: **Git**, GitHub, Bitbucket and Perforce
- Web Technologies: **JavaScript**, **TypeScript**, **NodeJS**, **Angular**, **Angular-material**, **Ngrx**, **Highcharts**, **AG-Grid**, **React**, **NPM**, **Yarn**, FIS Responsive UI Framework (FIS-RUF), CSS, HTML, SASS, jQuery, JSON, Servlets, JSP, JNDI, JAX-RS/JAX-WS, Tiles.
- Servers: Oracle WebLogic, WebSphere, Liberty, **Apache HTTP**, Apache Tomcat.
- Database: **Oracle 19c**, **Postgres**, DB2 and MySQL.
- Scripting: Python, Shell Scripting, Jenkins Job DSL.
- Build Tools: **Gradle**, Maven, Ant
- Platforms: Windows, UNIX, Linux, RHEL, AIX, HP.

Experience

Senior AI/Machine Learning Developer

Dec2024 –till Date

Lata Technologies, Croydon.

Project: Cash Forecasting.

Greenfield project to build ATM Cash Forecasting for Cash Loading predictions application using **AI/Machine Learning algorithms**.

Key Responsibilities:

- Responsible for designing and developing several components in the ATM Cash Forecasting system which receives online payment transactions from the ATM across various regions and orchestrates their processing across all backend services.
- Put in place coding standards and testing conventions with focus on readability and maintainability.
- Designed and developed initial CI workflow using GitHub Actions.
- Came up with low level designs for Stories and Epics like state diagram, sequence diagram, component model using tools like StarUML.
- Trained and mentored junior members of the team by pair programming to bring them up to speed on coding standards, clean code and test coverage.
- Active participant in Agile ceremonies like refinement, planning and retrospectives.

Technologies Used: Python, Flask ,R language, Angular, Angular-Material, Java 21, Spring Boot, Hibernate, Postgres, TDD, Gradle, JUnit, Mockito, Hamcrest, JIRA, Git, Docker, StarUML.

Senior Java Full Stack Developer

Sept 2023 – Nov2024

Lata Technologies (Hybrid role), Croydon.

Client: New Day Technologie

Project: Payment's platform

Greenfield project to build the payment platform for New Day and integrate with Mastercard and Visa payment systems.

Key Responsibilities:

- Responsible for designing and developing several components in the Authorization system which receives online payment transactions from the card scheme (e.g. Mastercard) and orchestrates their processing across all backend services.
- Put coding standards and testing conventions in place with a focus on readability and maintainability.
- Designed and developed an initial CI workflow using GitHub Actions.
- Came up with low level designs for Stories and Epics like state diagram, sequence diagram, component model using tools like draw.io and StarUML.
- Trained and mentored junior members of the team by pair programming to bring them up to speed on coding standards, clean code and test coverage.
- **Collaboratively working with New Day UI team for front-end and Back-end development from remote.**
- Active participant in Agile ceremonies like refinement, planning and retrospectives with New Day Scrum teams.

Technologies Used: Angular, Angular-Material, Ngrx, Highcharts, CSS, HTML, Java 17, Spring Boot, Hibernate, Spring Cloud Stream binder, TDD, BDD, Gradle, JUnit, Mockito, WireMock, Hamcrest, Microservices, GitHub Actions, JIRA, Git, AWS, Azure, Docker, Kubernetes, StartUML.

May2016 – Jun2023

Lead Java Full Stack Developer*Fidelity Information Services Pvt., Ltd.**Permanent role***Project:** Merchant Processing System platform –UI Development

This product has been developed as acquiring product for merchant onboarding, merchant registration with card scheme (e.g. Visa, Mastercard, Amex), POS payment processing, Clearing and Settlement for US customers.

Standard Agile practices and processes (Scrum) are followed in the team. The team is formed of 4 Backend, 2 Full stack, 1 BA, 1 Automation QA, 1 Test Analyst, 1 Technical Architect, 1 Delivery Manager ,1 Scrum Master and 1 Product Owner.

Key Responsibilities:

- Define technical design on stories like Container interaction diagram, class diagram or database model depending on the need.
- Responsible for ensuring the team is aligned technically with the programme.
- Responsible for ensuring code quality at team level is in line with programme standard.
- Responsible for ensuring the dev team is fully committed and has the right qualities to achieve the team goals.
- Working with the team to ensure we deliver as committed at the beginning of the sprint.
- Making sure that higher environments like Dev/SIT/Pre-Prod/Prod have the necessary configuration required for the release.

Technologies Used: Angular, Angular-Material, Highcharts, Ngrx, FIS-RUF, Java 8/11, Spring Boot, Hibernate, Postgres, Oracle, TDD, BDD, Maven, JUnit, Mockito, Hamcrest, Microservices, Jenkins, JIRA, Git, Bitbucket, Docker, Azure, Python.

Senior Java Full stack Developer

March2010 – May2016

*Fidelity Information Services Pvt., Ltd.**Permanent role***Project:** Transaction processing engine.

This product has been developed as an issuing product for ATM, POS and internet banking transactions processing and interacting with various services for transaction authorization, messaging card schemes, PAN Tokenization process, Security Key exchange etc.

- Responsible for designing and developing several components in the Authorization system which receives online payment transactions from various channel like ATM, POS, internet banking and orchestrates their processing across all backend services.
- Bulk Card generation for several using Spring, Spring-Batch framework.
- Put in place coding standards and testing conventions with focus on readability and maintainability.
- Designed and developed initial CI workflow using GitHub Actions.
- Came up with low level designs for Stories and Epics like state diagram, sequence diagram, component model using tools like StarUML.
- Trained and mentored junior members of the team by pair programming to bring them up to speed on coding standards, clean code and test coverage.
- Active participant in Agile ceremonies like refinement, planning and retrospectives.

Standard Agile practices and processes (Scrum) are followed in the team. The team is formed of 10 Back end, 2 Full stack, 3 BA, 2 Automation QA, 1 Scrum Master, 2 Technical Architect, 1 Delivery Manager and 1 Business Product Owner.

Technologies Used: Angular 4, Angular -material, FIS-RUF, Adobe Flex, Java 8, JEE 7, Spring Framework, Spring – Batch, Spring Security, Hibernate, Postgres, Oracle, TDD, Maven, Jenkins, JUnit, Mockito, Hamcrest, Microservices, JIRA, Confluence, Crucible, Bamboo, Git, Bitbucket.

Software Designer

May 2008 – Sep 2008

Mastek UK Ltd.

Permanent role

Client: Legal and General, UK

Project: E-quotes

This product developed to generate insurance quotes online for L&G insurance agents. It has various modules risk, claims and reports.

Standard Agile practices and processes (Scrum) are followed in the team with Pair programming during development. The team is formed of 2 Back end, 1 Front end developer, 2 BAs, 1 Technical Architect and 1 Programme Manager.

Key Responsibilities:

- Responsible for designing authentication and authorization modules for insurance agents.
- Responsible for ensuring code quality at team level is in line with programme standard.
- Responsible for ensuring dev team is fully committed and have the right quality to achieve the team goals
- Working with the team to ensure we deliver as committed at the beginning of the sprint.
- Planning 2 months in advance for the stories in backlog/future release and making sure we have the approval of the design from Technical Architect and Design board before the stories are played in the sprint.
- Making sure that higher environments like Dev/SIT/Pre-Prod/Prod have the necessary configuration required for the release.

Technologies Used: Java 8, JEE 7, SQL Server, WebSphere, Spring, TDD, Maven, Bamboo, JUnit, Mockito, Hamcrest.

Senior Java Consultant

July 2007 – Apr 2008

Mastek, UK.

Permanent role

Client: CSW Ltd, Oxford

Project: Case Notes

Standard Agile practices and processes (Scrum/Kanban) are followed in the team with Pair programming during development.

As Senior Developer have been part of DDD sessions to understand the core domain, which are critical in designing the several Case Notes Components. Also, have been a key player in coming up with a better design for many of the stories and helped to cover edge cases.

Technologies Used: Java 5, JEE, Spring, Oracle, WebLogic Server, XML, Xpath, TDD, Maven, Junit.

Previous Experience

Technical Lead

IGATE Global Solutions, India.

Domain: Media

May 2005 – June 2007

Permanent Role

Education

Bachelor's Degree

Jun 1993 – Aug 1997

Madras University

India

- Specialization: Mechanical Engineering
- Percentage: 65%, First Class.