

Sandeep Villa

+91 9148832111 | villasandeep1@gmail.com | <https://www.linkedin.com/in/sandeep-villa>

“Continuous learning and unlearning”

Experienced Senior Software Engineer specializing in core Java and spring microservices development. With over 4 years of hands-on experience, I have successfully tackled diverse challenges, ranging from leading teams and designing complex systems to developing innovative solutions.

EDUCATION

Sathyabama University

B.Tech/B.E.(Computers Science and Engineering), June 2015 – June 2019

SKILLS

Technological

Core Java (8 & above) | Spring Boot| Spring Security| Postgres| Oracle| Algorithms and Data Structures|

Others

Team management, Strategic thinking, Design thinking

WORK EXPERIENCE

Cognizant | December 2019 – Present

Cognizant helps companies modernize technology, reimagine processes and transform experiences so they stay ahead in a fast-changing world.

PROJECTS

Client: Prudential | June 2020 –May 2022

Software Developer

- Interacting with various teams for Requirement Gathering to enabling file transfer process via FMH and suggesting the enhancements or Improvisation in existing process according to file transfer requirement for the client.
- Worked on code analysis to ingest new features in the API to achieve secure file transfer.
- As part of Automation, Worked on Automation of email transfer(FMH Email notification)- This feature will analyse the error in file transfer and send a email notification to support team and Responsible POC. This Automation is saving the manual effort for production teams and SLA breaches due to file transfer failures.
- Key performer in upgrading Spring Batch API from java 7 to java 8.
- Upgraded the API to facilitate the file transfer from normal Linux servers to AWS Servers.

Project – Annuities File Management Hub

- The File Management Hub is a redundant server Configuration in both data centres where both internal and external Feed files will land prior to reach their destination.
- The Hub is responsible for file archiving solutions, invoking a file strategic file management process and invoking any file validation routines.
- The Hub is responsible for controlling the file transfers from various systems throughout Prudential insurance account.
- This Centralized Hub will help the Business Teams to achieve daily goals by transferring many files daily with larger amount of data.

Client: Prudential May 2022– Present

Software Developer

Project – Prudential - P&C claims migration

- Worked on writing Rest templates, entity classes, unit tests and Request objects in common project which is used across projects.
- Written JPA criteria queries in spring Recon batches for oracle database. Worked on integration testing and wrote postman collections for the same.
- Worked on setting up controller for API, yaml configurations for dev, test and prod environments.
- Written unit tests ensuring code coverage and mutation is greater than 90%.
- Responsible for developing REST API's which will migrate P&C claims for db2 tables to oracle tables. Worked on developing various java services and JPA based repositories for database integration.
- Also worked on finding bugs and resolving various defects in the application. Refactored the code time to time for improving performance and efficiency of the application.
-
- These are group of internal applications which are related to End-to-End testing of P&C auto claims.
- These applications are responsible for Standardization of claims and reconciliation.
- We are rewriting the legacy java applications in new spring boot-based applications. It consists of Java API's and Spring batches.
- The new applications are maintained in CI/CD pipelines and deployed on OpenShift.
- The applications has common project which consists of all entities, rest templates, request/response objects, jpa repositories which will be used across projects.

PROJECTS(TRAINING)

E-commerce website, 2 Months

After the Java full stack training, we are assigned to create a E-commerce website. The idea of this project is to create a platform for Small scale seller of various commodities to display and sell their products in our web site to customers.

We have created two services- Buyer and Seller

Seller: This service will help the Vendors to add their products with quantity, price, Product photos and specifications.

Buyer: This Service is responsible to display the products added by vendors for Shopping with features like (login/signup, Product page, Cart, Payment's page and Delivery tracking).

Front End: Angular

Backend: java, Spring Boot, Spring Security, Microservices

Data Base: MySQL