

# Sidharth PP

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## SUMMARY

- Software Engineer with over 5 years of experience in full-stack web application development using Spring Boot, Angular and AWS.

## WORK EXPERIENCE

### RPPM-Direct Batch

Kochi, Kerala

Software Engineer, Cognizant Technology Solutions

May 2024 – Jun 2024

- Developed the migration of the existing Spring Batch project for RPPM, managing all plan enrollments and unenrollments.
- Redesigned the system using Core Java and AWS, incorporating SQS and Lambda for improved scalability and efficiency.

### Retirement Accumulation Application

Kochi, Kerala

Software Engineer, Cognizant Technology Solutions

November 2022 – May 2024

- Established the development of a user-friendly web application using the Angular framework, empowering customers to plan for their retirement effectively.
- Implemented Reactive Spring middleware application, enabling smooth integration with multiple microservices.
- Optimized application performance, reducing page loading times by 75% through the implementation of Redis cache.
- Adopted Test driven development to maintain code quality and reliability, crafting JUnit test cases and conducting thorough code analysis using SonarQube, resulting in at least 80% code coverage.

### LocationRisk – API Modernization and Data Migration

Bangalore, India

System Engineer, Tata Consultancy Service

August 2020 - June 2022

- Focussed on the Modernization of existing API's and migration of data from the legacy DB2 to PostgresDB hosted in the AWS.
- Developed spring boot microservices with apache camel framework to integrate ActiveMQ and SFTP for data migration.
- Fostered effective cross-functional communication with several service teams to gain a deep understanding of scenarios and data requirements.

### CommercialCredit Rewrite

Bangalore, India

System Engineer, Tata Consultancy Services

June 2019 - August 2020

- Successfully migrated services to Spring Boot, enhancing efficiency of backend services used by insurance agents.
- Implemented robust security measures using Spring Security (Basic and OAuth2) for web services
- Utilized Swagger for API documentation and maven for building the project.
- Streamlined the application deployment process by incorporating Azure DevOps services.

### Affordability

Bangalore, India

System Engineer, Tata Consultancy Service

December 2018 - June 2019

- The project aimed to ensure compliance with FCA by rigorously assessing consumer affordability before service provisioning.
- Created feature files in Gherkin language, aligning them with baseline scenarios and translated to automated tests using Cucumber BDD (Behaviour driven development) framework.
- Implemented Wire mocks for underlying systems in dev environment, facilitating comprehensive testing scenarios.
- Extracted and analysed logs from Splunk, creating evidence documentation.

## PROJECTS

### Blogging Application / (GitHub) / Angular, spring boot, microservices, MySQL, MongoDB

Built a Blogging Application featuring an Angular front-end and a Spring Boot backend. Emphasized backend functionality, implementing a mechanism to synchronize write data from MySQL to read data in MongoDB.

## Programming Skills

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| • <b>Languages:</b> Java, JavaScript           | • <b>Frameworks:</b> Spring Boot, Angular                  |
| • <b>Databases:</b> MySQL, PostgreSQL, MongoDB | • <b>Web Technologies:</b> HTML, CSS                       |
| • <b>Cloud Services:</b> AWS                   | • <b>DevOps Tools:</b> Azure DevOps, GIT, BitBucket/GitLab |

## EDUCATION

### Government College of Engineering Kannur

Bachelor of Technology (Mechanical Engineering) 69.82%

Kannur, Kerala

August 2014 - May 2018

## INTERESTS

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- Contributed to the team's productivity initiatives mandated by the organization.
- Distinguished with accolades from senior management for conducting training sessions in AWS.
- Mentored junior members in the team, equipping them to handle project stories effectively.
- Hold AWS Cloud Developer Certification and continually seek opportunities for further certification.
- Handled awareness and English sessions for school students as part organization outreach program.