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.
* Persisted the Batch information and plan information in MongoDB.

# **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 Postgres DB 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***](https://github.com/sidharthDileep/BloggingApplication)) *| 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

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

# Education

# **Government College of Engineering Kannur** Kannur, Kerala

## Bachelor of Technology (Mechanical Engineering) 69.82% August 2014 - May 2018

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# INTERESTS

* 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.