

Prashanth Lokesh

SpringBoot Developer

Specialized in SpringBoot
with a strong foundation
in API Development

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SKILLS

Primary Skills

SpringBoot, Java, Junit, Karate, MongoDB, Azure DevOps, Jest, VueJS, JavaScript, Html, CSS

Other Skills

REST API, Thymeleaf, Azure CI/CD, Spring Security, JWT Authentication, GIT, Swagger

WORK EXPERIENCE

Tata Consultancy Services

Client : Abn Amro

Backend Developer

06/2022 –Present

Developed multiple APIs from scratch (using SpringBoot), contributing to the bank's technological advancements in the Retail and Cross Border domains

Designed and executed architectural designs for applications

Developed Function Apps and deployed on Azure App Service Container

Built CI/CD pipelines on Azure cloud, streamlining the development workflow and ensuring rapid and reliable deployment

Created and managed Azure resources, like Storage Accounts and Key Vaults

Led the implementation of unit testing using Junit 5 and Mockito, maintaining a unit test coverage of more than 80% for all services

Enforced code standards using Sonar, Nexus, Fortify, and Twistlock on all application services

KEY CONTRIBUTION

Solved challenges like:-

- Proposed and implemented handling application failures such as downtime using Resilience4j. This led to a significant cost reduction by replacing the need for extensive production support of the application.
- Solved the problem of sending data to automation test scripts by using HtmlUnit to programmatically fill out web forms and use the captured data in the automation test Scripts.
- Implemented Azure Service Bus queues to record failed API's requests

Developed a versatile utility package for seamless integration into the codebase, encompassing essential features like:-

- Dynamic null object (String, Integer, etc.) handlers
- Optional to String converters
- Environment identifiers
- JSON Handler/Convertor
- Azure Key Vault retrieval

Also implemented, multithreading for parallel API calls, JWT authentication

Implemented custom exception handling mechanisms

CERTIFICATION

Microsoft Certified: Azure Fundamentals [AZ-900]

[View credentials](#)

Microsoft Certified: Azure Developer Associate [AZ-204]

[View credentials](#)

Udemy Certified: Rest Api Design, Development & Management

[View credentials](#)

WORK EXPERIENCE [CONTD.]

Technology Stack:

Java, SpringBoot, MongoDB, Junit, Karate, Azure DevOps, Docker

Client : Abn Amro Frontend Developer

12/2021 – 05/2022

Successfully migrated Mainframe screens to frontend using the VueJS framework, improving user accessibility and system efficiency

Implemented updates and enhancements to legacy codes to align with modern development standards

Managed complex webpage routing within a menu structure, thereby optimizing navigation

Executed Jest unit tests on the webpages, achieving 80% code coverage for all services

Technology Stack:

JavaScript, VueJS, Html, CSS, Jest

AWARDS

Earned 'Quick Learner' award through prompt and efficient delivery

[View credentials](#)

Received two 'On the Spot' Awards for outstanding teamwork

[View credentials](#)

EDUCATION

Bachelor Of Engineering

2017-2021

[Computer Science and Engineering]

BMS Institute Of Technology And Management

PROJECTS

Expense Tracker API

API handles transactions, leveraging Dockerized MongoDB for data storage, and integrates Thymeleaf for dynamic balance visualization and table filtering

Technology Stack:

Java, SpringBoot, MongoDB, Docker, Thymeleaf, JavaScript

[View in GitHub](#) [View Demonstration](#)

Smart Mail API

API intelligently extracts recipient names from emails and seamlessly incorporates the name and signatures, enabling users to focus on crafting emails effortlessly

Technology Stack:

Java, SpringBoot, Thymeleaf

[View in GitHub](#) [View Demonstration](#)

Flight Booking Application

Effortlessly book flights through a user-friendly platform with authentication, flight filters and downloadable booking receipts for booking confirmation

Technology Stack:

Java, JavaFX, SpringBoot, MongoDB, Docker

[View in GitHub](#) [View Demonstration](#)

Credit Limit API

Efficiently handle customer data, retrieve details, compute credit limits, and securely store in Dockerized MongoDB via a JWT-authenticated API, ensuring data security

Technology Stack:

Java, SpringBoot, MongoDB, Docker

[View in GitHub](#) [View Demonstration](#)