



# Abinandan Naik

## Senior Software Engineer

Software enthusiast with over 7 years of experience specializing in the banking domain. Proficient in utilizing Spring Boot, Spring Cloud, and REST APIs to develop robust microservices architectures. Adherent of clean coding practices, test driven approaches to solve challenging problems that ultimately enhances customer experience. Certified AWS solution architect with good knowledge of cloud technology. Inherently motivated to explore innovative approaches and elevate application capabilities.

## Contact

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## Education

2011 - 2015  
B.E. in Electrical & Electronics  
Engineering  
Visvesvaraya Technological University  
(VTU), India

## Expertise

- Spring Boot Microservices
- Java
- SQL
- AWS
- Agile
- JavaScript
- HTML
- CSS

## Certificate

AWS Certified Solution Architect -  
Associate (08/2022 - Present)

## Experience

11/2021 - Present

DBS Bank - IBM | Singapore

Senior Software Consultant

- Designed and developed scalable java microservices with spring boot to introduce new services and develop new REST APIs.
- Developed and maintained enterprise-level Java applications using Spring Framework, resulting in increased system performance and user satisfaction.
- Collaborated with a cross-functional team to gather requirements, design solutions, and deliver high-quality software products.
- Conducted code reviews and provided constructive feedback to team members, improving code quality and adherence to coding standards.
- Contributed to the development and execution of unit tests, resulting in a significant decrease in bug count and improved overall test coverage to above 80%.
- Actively participated in agile ceremonies, including daily stand-ups, sprint planning, and retrospective meetings, to foster collaboration and ensure project success.
- Deployed services to PCF, integrate with AWS components like S3, configure autoscaling scripts. Write scripts to create Jenkins pipeline to automate builds.
- Led a highly skilled team of three members in tackling critical issues related to Nexus, Fortify, and Security scans. Our primary goal was to eliminate any vulnerabilities and generate comprehensive reports that showcased our achievement of a zero-vulnerability status. Additionally, we successfully upgraded all deprecated dependencies to ensure the system's continued robustness and security.
- The current project involves the creation of a new feature aimed at enhancing notification preference capabilities, which will be released to over 2 million users.
- Successfully delivered a major cost reduction project which involved running complex SQL queries, dealing with sensitive information and required high level of expertise.

02/2019 - 11/2021

Bank of Julius Baer - CTS | Singapore

Associate

- Led a team of three members in successfully managing the overall lifecycle upgrades for End-of-Life (EOL) components, which encompassed jboss, BRMS, PHP, and Redis cache. This involved planning, coordinating, and executing the necessary upgrades to ensure a seamless transition and enhanced system performance.
- Successfully delivered a Rules Engine upgrade project for End-of-Life (EOL) systems, which involved engaging Red Hat support to ensure smooth implementation. As the sole developer assigned to this project, I took full responsibility for delivering exceptional results.
- Develop the Client Pricing Portal which is an innovative Spring Boot application designed for the front office to seamlessly handle pricing requests and streamline workflow processes. Leveraging the power of the cloud, we have successfully developed and deployed this cutting-edge application, marking a significant milestone as the bank's first cloud-native solution.

## Awards

Spotlight award for performance as  
difference maker (01/2020)

Cognizant Technology Solutions

## Socials



- Played a key role in a major project focused on enhancing the user interface and expanding data input fields to comply with MAS regulations. This involved seamlessly transmitting the collected data to downstream systems such as the T24 core while establishing multiple calculations and validations.
- Successfully implemented audit functionalities and integrated MAS regulatory changes into the KYC system, enabling seamless report generation from the source system.
- Seamless migration of legacy application features from EJB and JSF to Spring Framework.
- Executing Linux commands, deploying, managing, and configuring Java applications on Linux servers.
- Provided a significant contribution to the team by addressing critical issues with the existing versioning framework, which had become increasingly complex over time and frequently encountered deadlocks and data inconsistency errors. By thoroughly understanding the principles of concurrency, debugged and modified the code to efficiently clear locks and strategically introduce synchronized blocks wherever applicable. As a result, we successfully reduced database lock errors by an impressive 90% from their initial count.

03/2016 - 02/2019

Bank of Julius Baer - CTS | India

Associate

- Design and develop java applications using Kafka, MQ and batch processing to create distributed systems.
- Played a vital role in migration of the Client Output application. This application generated various client statements, and we streamlined the process using GMC designer and Daxter data archival system. My contributions were instrumental in the project's success.
- Design and implement Java satellite service for enhanced Core Banking capabilities, including Customer Data Encryption/Decryption and developed a robust Notification Handler application from scratch.
- Implemented OOPs concepts to write highly readable and functional code, enhancing the maintainability and efficiency of Java applications.
- Implemented robust error logging and thorough exception handling techniques to effectively manage audit findings, preventing SLA breaches and minimizing incident tickets.
- Actively engaged in brainstorming and resolving technical challenges throughout the project lifecycle. Developed multiple Proof of Concepts (POCs) to facilitate informed decisions regarding architecture, design, and estimation.
- Possess extensive proficiency in utilizing developer tools such as Jenkins, Jira, Bitbucket, Git, Maven, Splunk, Grafana etc. to collaborate effectively with team members and streamline the development process.
- Implemented new features in a client-facing CRM system by thoroughly understanding requirements, user stories and designing optimal solutions. This involved integrating multiple systems, including BPM process tools, reports, statements, and core banking functionalities, to deliver a comprehensive and efficient solution.

