

Contact

www.linkedin.com/in/velmuruganmani (LinkedIn)

Top Skills

Spring Security
OpenShift
Apache Kafka

Languages

Tamil
English

Certifications

Extending, Securing, and Dockerizing Spring Boot Microservices
Certificate of BCS Membership
Full Stack Project: Spring Boot 2.0, React JS, Redux
Creating Your First RESTful Spring Boot Microservice with JPA
React: Securing Applications

Honors-Awards

Star Performer Award
On The Spot Award

Publications

Content based image retrieval using color and texture feature extraction in Android
2D and 3D active shape model with SURF algorithm for OBJECT retrieval: Content Based Image Retrieval

Vel Mani

Software Engineer - Spring Boot | OpenShift | Apache Kafka
Leeds, England, United Kingdom

Summary

Senior Java Developer with over 9 years of experience in designing, developing, delivering, testing and optimising java applications in Banking, Financial and Insurance domain with JAVA and Spring Boot technology on Agile approach.

1. Programming Languages: Java (8+)
2. Frameworks: Spring Boot, Spring Data JPA, Hibernate ORM
3. Security: Spring Security with JWT
4. Web API: RESTful web services, SOAP, JSON
4. Build Automation Tools: Maven, Gradle
5. Design Patterns: Microservices, Event Driven
6. Database Technologies: SQL, MySQL, MongoDB
7. Containerisation: Docker, Kubernetes
8. Cloud Infrastructure: OpenShift, AWS
9. Cloud API Gateway: AWS, APIGee
10. Web Server: Tomcat
11. CI/CD Tools: Git, Jenkins, Jira
12. Code Quality Tools: JUnit/Mockito, SonarQube
13. Message Queues: RabbitMQ, Apache Kafka
14. Agile Methodologies: Scrum, Kanban
15. Documentations: Swagger, Confluence

Experience

Cognizant

Senior Java Software Engineer
November 2022 - Present (2 years 8 months)
London, England, United Kingdom

Project: Family Private Law

- Responsible for implementing the Private Law combining child arrangement and domestic abuse services using Spring Boot Microservice Architectures and RESTful services;

- Acted as the technical architect and collaborate with the development and testing team to drive technical vision and strategy to align with business goals;
- Built a software solution leveraging AWS cloud platform capabilities, including 12-factor app implementation;
- Responsible for preparing architectural, technical design documents, analytic reports and conclusions to stakeholders;
- Scheduled product releases, Utilized DevOps practices and Agile methodologies to enhance scalability and flexibility;

Tata Consultancy Services

Microservices Developer

August 2018 - November 2022 (4 years 4 months)

Leeds, England, United Kingdom

Project: Sales App

- Developed microservices architecture based JAVA and Spring Boot application with Spring Security JWT, RESTful APIs, Python and Message Queues to build a saving account;
- Designed and developed a cloud-native and web application using AWS services such as EC2, S3, ECS, Lambda, EKS, Fargate and DynamoDB;
- AWS cloud setup, server installation and containerization in cloud environment;
- Leading the team, Consulting with client & adopting solutions to meet client requirements and adopting existing architecture to align with new business goals;

Cognizant

Java Developer

September 2016 - August 2018 (2 years)

Chennai, Tamil Nadu, India

Project: Canada Internal and External Applications

- Developed JAVA and Spring Boot (Back End) application and interacting with React JS (Front End) to manage sales and marketing programs for Monsanto dealers;
- Created the docker images and deployed it via OpenShift, API Management and AWS Cloud Services;
- Implemented security best practices for AWS services such as IAM, KMS, and CloudTrail;

Aara Tech Pvt Ltd

Software Engineer

March 2014 - September 2016 (2 years 7 months)

Chennai, Tamil Nadu, India

Project: Franking Machine Management System

- This application is providing its customers to meet their postal needs like stamp their postal letters, envelopes, parcels, etc;
- Developed RESTful Web Services with Spring JPA and deploy in Tomcat Server via Jenkins Jobs ;
- Developed the design documents (LLD, HLD), Researching and evaluating relevant technologies, Implemented various development, testing and IT Infrastructure;

Education

Sathyabama University

Master of Technology (M.Tech.), Information Technology · (2012 - 2014)

Anna University

Bachelor's degree, Information Technology · (2007 - 2011)