

Murugesh Kumar Kuppusamy

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SUMMARY

Highly motivated and results-driven Java Developer with over 12 years of experience designing and developing software applications. Adept at working in an agile team environment to drive user story analysis and elaboration, and able to translate business designs and requirements into functioning applications. Proficient in JavaScript frameworks, particularly Angular, and experienced in developing and deploying applications on enterprise cloud platforms

SKILLS**Expert-level knowledge of Java and building REST APIs:**

- Proficient in designing and implementing RESTful APIs using Java and Spring Boot.
- Extensive experience in developing scalable and robust backend services to support modern web applications.

Keen understanding of application architecture and design, especially in a cloud-native environment:

- Deep understanding of cloud-native principles and best practices, with a focus on AWS services like S3, SNS, SQS, Lambda, API Gateway, and EKS.
- Skilled in designing microservices architectures and leveraging cloud services for resilience, scalability, and cost-efficiency.

Strong experience with developing code for Relational and NoSQL databases:

- Proficient in working with both Relational databases like IBM DB2 and MS SQL Server, as well as NoSQL databases like MongoDB.
- Experienced in database schema design, query optimization, and data modeling for diverse application requirements.

Experience in Agile development, automated testing, and Continuous Integration/Continuous Delivery (CI/CD):

- Hands-on experience with Agile methodologies, including Scrum and Kanban, for iterative software development.
- Proficient in setting up automated testing frameworks and pipelines using tools like JUnit, Mockito, Selenium, and Jenkins for CI/CD workflows.

Experience with performance testing including root cause analysis and resolution for complicated issues:

- Skilled in performance testing methodologies and tools like JMeter, Gatling, and New Relic for identifying bottlenecks and optimizing application performance.
- Capable of conducting root cause analysis and implementing performance improvements in code, database queries, and system configurations.

Proficient in Angular with a track record of successfully designing and developing dynamic user interfaces for complex web applications:

- Experienced in frontend development using Angular framework, HTML, CSS, and JavaScript.
- Demonstrated ability to create dynamic and responsive user interfaces for complex web applications, ensuring optimal user experience.

PROFESSIONAL EXPERIENCE

Development Lead / Tata Consultancy Services / Jun 2017 - Present

Designation: Assistant Consultant (AST) / Client: Freddie Mac

- Spearheaded a development team in architecting, crafting, and validating cloud-native enterprise-grade software solutions leveraging AWS services such as S3, SNS, Lambda, API Gateway, SQS, EKS, Java, Spring Boot, and JavaScript frameworks including Angular.
- Implemented cloud-native methodologies, embracing Kubernetes and Docker for streamlined containerization and orchestration.
- Fostered collaborative partnerships with product owners, delivery managers, and fellow developers to ensure punctual delivery of top-tier software products.
- Translated intricate business prerequisites into robust technical blueprints, guaranteeing code integrity, adherence to quality benchmarks, and long-term maintainability.
- Proficiently navigated web service, Microservices, and API development realms, adeptly employing REST and SOAP architecture patterns to meet diverse application needs.

Senior Java Developer / Tata Consultancy Services / Feb 2013 - Jun 2017

Designation: Information Technology Analysts (ITA) / Client: Bank of America

- Developed REST APIs between back-end systems to support high-volume intranet applications using Java, Spring Boot, and Angular.
- Leveraged cloud-native technologies like Kubernetes to scale and manage microservices architecture.
- Collaborated with product owners, delivery managers, and other developers to deliver a quality product.
- Actively pair-programmed with teammates for collective code ownership and mentored other engineers.
- Experience with Java Enterprise Edition (J2EE/JEE), Spring Framework, and Hibernate.

Java Developer / Tata Consultancy Services / Apr 2011 - Feb 2013

Designation: Assistant System Engineer (ASE) / Client: Bank of America

- Developed software applications using Java, Spring Framework, and JavaScript.
- Worked in an agile development environment to deliver high-quality software.
- Developed code for Relational and NoSQL databases.
- Experience with Service Oriented Architecture (SOA) and Enterprise Service Bus (ESB).

Junior Java Developer / Tata Consultancy Services / Nov 2010 - Apr 2011

Designation: Assistant System Engineer - Trainee (ASE-T)

- Assisted in the development of software applications using Java, Spring Framework, and JavaScript.
- Participated in code reviews and provided feedback to improve code quality.

EDUCATION

Bachelor of Engineering in Electrical and Electronics Engineering | Anna University | Graduated 2010

CERTIFICATIONS

AWS Certified Solutions Architect – Associate