Manibharathi Tamilarasan

Working as a Java Developer | Microservices | Spring boot | Javascript | Angular

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SUMMARY

- Around 10 years of experience in designing and implementing Enterprise solutions for distributed web applications using **JAVA/J2EE** and UI technologies..
- Experience in developing the application with **Agile methodology, Test-driven development** and Waterfall methodology.
- Experience in design and development of robust and highly scalable cloud native **Microservice**s with **REST apis** using **spring boot.**
- Hands on experience and working knowledge in PAAS cloud technology -**Pivotal Cloud foundry.**
- Experience in front-end UI technologies like **Angular, Javascript, jQuery, Sass, Bootstrap, Nodejs, JSON, HTML5, CSS3.**
- Experience in developing web applications by using Spring frameworks like **Spring IOC, Spring AOP, Spring MVC and Spring Boot.**
- Working knowledge of Cloud computing services like **AWS, GCP.**
- Good understanding of **Docker** containers and **Kubernetes**.
- Hands on experience in build and deployment tools like **Maven, Jenkins,** BMC.
- Hands-on experience in version control systems like **Git, SVN and RTC**.
- Familiar with Databases like **Oracle and MongoDB.**
- Experience in working with **IBM Websphere application server**, Tomcat and **NGINX.**
- Experience in developing **Responsive web applications** which render different user experiences based on device.
- Experience in writing **splunk queries** and creating **splunk dashboards** for application log monitoring.

Contact

Mobile:

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Portfolio site:

https://manibharathi34.github.io/portfolio/

SKILLS

Java, Spring Boot, Spring Cloud.

Angular, HTML5, Javascript, JQuery, Scss.

AWS, Cloud Foundry.

NGINX, IBM Websphere Appserver, Tomcat.

Splunk, Linux Servers.

CERTIFICATIONS

AWS Certified Developer Associate.

AWS certificate

Oracle Certified Java developer.

Java certificate

TCS, Irving-TX, USA — *Java/Full Stack developer*

NOV 2021- PRESENT

Technologies and Tools learned/used:

Spring Boot Microservices, Spring Cloud, Angular, Jenkins, Bitbucket, JIRA, Pivotal Cloud Foundry, NGINX, Splunk.

Responsibilities:

- Participate in Agile scrum, analyze requirement, design and develop code for given requirement.
- Participate in daily scrum meetings, review issues assigned and provide solutions for them. Assisting the team and reviewing their code.
- Architecture, design and development of cloud native Microservices .
- UI component development using Angular.
- Develop REST apis using Java 8 and spring boot.
- Deploy microservices to PCF using Maven,Jenkins and RLM.
- Wrote Junit test cases for new code developed.
- Debugging the issues reported in UAT and providing fixes.
- Deploy new code to production environment following CICD process.
- Involved in code review process.
- Tracking issues reported in production, debugging the issues using splunk log monitoring tools to identify root cause and provide fixes for the issues reported.
- Developed Splunk Dashboard to health check the application in production.
- Performance Tuning of new code developed based on performance test results.

TCS, Chennai, India — *Java/Full Stack developer*

MAR 2021- NOV 2021

Technologies and Tools learned/used:

Microservices, Spring Boot,Spring Cloud, AWS, Docker, Kubernetes, Angular, TypeScript, Jenkins, Bitbucket, JIRA, Pivotal Cloud Foundry, Splunk, ServiceNow.

Responsibilities:

- Participate in daily scrum meetings, review issues assigned and provide solutions for them. Assisting the team and reviewing their code.

- Architecture, design and development of cloud native Microservices .
- Consume APIs published by other teams from Java code and process the data received from api.
- Publish swagger API contracts for new APIs developed to external teams so that they can consume APIs using Swagger as reference.
- Publish APIs to IBM APIm Connect gateway for consuming APIS from the internet.
- Design and development of security features for REST APIs which are exposed to the Internet.
- Debug and provide solutions to security issues raised in the VA Assessment.
- Developing reusable angular components and Services.
- Deploy microservices to PCF using Maven,Jenkins and RLM.
- Debugging the issues reported in UAT and providing fixes.
- Deploy new code to production environment following CICD process.
- Debugging the production issues reported by writing Splunk queries to fetch user and session specific logs.

TCS, Irving-TX, USA — *Java/Full Stack developer*

MAR 2017 - MAR 2021

Technologies and Tools learned/used:

REST apis, Spring Boot Microservices, Spring Cloud, Angular, SCSS, Jenkins, Bitbucket, JIRA, Pivotal Cloud Foundry, NGINX, Splunk.

Responsibilities:

- Migrate application code from old tech stack to new Microservices based tech stack.
- Architecture and Design of new Microservices techstack.
- Develop new microservices and Unit test new code using Junit.
- Implement Fault tolerance mechanism for backend calls using Hystrix.
- Configure NGINX routing configurations which act as a reverse proxy for traffic from the internet.
- Configure a logging framework which adds loggers with details required for each request to debug the issues reported.
- Configure Zuul routing for routing requests to different microservices inside PCF.
- Configure Eureka for the service registry which will be used by microservices for invoking APIs in other microservices inside PCF.
- Configure Spring cloud config service which micorserices in PCF will use to read configurations from a GIT repository.
- Implement the CICD process using Jenkins and RLM for deploying applications to different testing and production environments.

- Develop an in-house angular build which combines multiple components developed by different teams into a single application build and deploy it to the cloud.
- Develop angular build scripts which build angular code with values specific to test and production environments and deploy code to specific environments.
- Developing microservices which connect to Oracle DB and run Stored procedures using Spring data.
- Implement security features for new APIs.

TCS, Chennai-India — *IT. Analyst*

MAY 2015 - FEB 2017

Technologies and Tools learned/used:

HTML5, Bootstrap CSS, Backbonejs, JSON, JQuery, Spring Web-Flow, Java, RTC, IBM Websphere Appserver, IHS Webserver.

Responsibilities:

- Design and development of Credit card servicing application in responsive web design model which delivers feature rich user experience based on device user accessing the application.
- Analysis of requirements by participating in function requirement calls.
- Prepare HLD and DLD documents for given functional requirements.
- Developed applications as per Spring MVC architecture and was involved in development of all three tiers.
- Develop flows using a spring-web flow framework and implement Spring IOC using spring xml configurations.
- Develop responsive user interface pages using HTML5 and Bootstrap CSS which will render UI based on device user viewing the application.
- Integrated user interface with server side using Jquery and javascript Ajax calls.
- Build applications using Maven and deploy EAR to the IBM Websphere application server.
- Involved in integration of different modules and integration testing.
- Test automation using Selenium.
- Involved in production implementation and support.

TCS, Chennai-India — *Systems Engineer*

MAY 2012 - APR 2015

Technologies and Tools learned/used:

Java, Servlets, JSP, Spring MVC, Spring Web-Flow, Struts2, Javascript,Ajax, Clearcase, IBM Websphere Appserver.

Responsibilities:

- Design and development of Credit card servicing application in responsive web design model which delivers feature rich user experience based on device user accessing the application.
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TCS, Chennai-India — *Asst. System Engineer*

DEC 2011 - APR 2012

Technologies and Tools learned/used:

Java, Servlets, JSP, Tomcat, SQL, SVN, Eclipse.

Responsibilities:

- Learn software development methodologies, team building, customer relationships, business and email etiquettes.
- Design, Develop, deploy, test and maintain web applications.

Anna University, Chennai — *B.E*

AUG 2007 - APR 2011

Bachelor of Engineering in Electrical and Electronics.

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