Dowlath Basha G

Software Development Engineer | JAVA | AWS | KUBERNETES | KAFKA

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Energetic and enthusiastic Software Developer working in an Agile and Cloud environment with 12+ years of experience. Have a passion for solving problems and building impactful products that benefit both the planet and the people in it.

EXPERIENCE

Vice President, J P Morgan & Chase, Bangalore   **July 2022 – Present**
Project: Event Transaction Engine

- Built **REST APIs** in **Java** for high-volume customer facing applications microservices to integrate with multiple upstream and downstream services.
- Developed the microservice with **Java** and **Spring Boot** for processes alerts going to digital. Every message received by ETE combined with the alert transaction to create a message.
- Acted as a **key contributor** to a variety of features for the "Enrichment service" that handles creation, enrichment, cancelation of subscription information.
- Extensive experience in working with Event-driven programming (with Java) and
  tools like **Apache Kafka**, **DB2, Splunk, Prometheus, Flyway.**

Principal Application Engineer, Oracle India Pvt Ltd, Bangalore
Project: Oracle Banking Origination   *Aug 2020 – May 2022*

- Created and maintained pipeline for **(CI/CD)** Continuous Integration and Continuous Deployment for 16 microservices.
- Developed multiple **Java** microservices using **REST APIs** and **Spring Boot** to integrate with certificates.
- Deployed artifacts to **Web logic** for lower environments like DEV, SIT and UAT
- Designed Data Model using **Oracle DB** for the application consisting of more than fields.

System Specialist, Nokia India Pvt Ltd, Bangalore
Project: Precom   **July** *2016 – June 2020*

- Created and maintained pipeline for **(CI/CD)** Continuous Integration and Continuous Deployment for 7 microservices.
- Precom system is a browser-based utility for Microsoft pre-production resource and schedule management.
- Developed multiple **Java** microservices using **REST APIs** and **Spring Boot.**
- Deployed artifacts to **Web logic** for lower environments like DEV, SIT and UAT
- Designed Data Model using **Oracle DB** for the application consisting of more than fields.
- Collaborated with Business Analysts to identify the potential data points from MDM and recommended solutions on how to model them for different use cases.

Project: One scrap   *Nov 2013 – June 2016*
On-site assignment – Hanoi, Vietnam.
- Created and maintained pipeline for **(CI/CD)** Continuous Integration and Continuous Deployment.
- One Scrap tool is a global tool to be implemented across the factories. Cost center wise approval authority definition.
- Developed multiple **Java** and **REST APIs** and **Spring and Oracle DB**.
- Deployed artifacts to **Tomcat** for lower environments like DEV, SIT and UAT.

Project: MES Vader   *Nov 2013 – Oct 2014*
- MES Vader client is tool (web-based application) to be used across Mobile Phones and Smart Devices factories.
- To create, edit, delete manufacturing unit line and workplace station.
- Developed **Java** and **REST APIs** and **Spring and Oracle DB**.
- Deployed artifacts to **Tomcat** for lower environments like DEV, SIT and UAT.

Lead Engineer, Alcatel-Lucent India Pvt Ltd, Bangalore
Project: CLOG   *Mar 2011 – Nov 2013*
- On 1350 OMS the Common LOG (CLOG) supplies a fully integrated log management system.
- The CLOG extracts these user actions from the log's files, convert them to the proprietary standard XML based common log at first then convert the common log to the customer specific format when requested and save them into the use activity files.
- Developed multiple **Java** and Java Logger **APIs** and **Oracle DB.**
Project: SNA (Smart Network Adapter)   *Mar 2012 – Nov 2013*
- SNA is a common software adapter application within the OMS architecture to communicate with devices.
- Supports SNMP, CLI and TL2 protocols. As SNMP, CLI and TL1 are three completely different communication paradigms the SNA would have to provide separate communication layers for each.
- Developed **Java** and Java Logger **APIs** and **Oracle DB.**

Project: GMPLS Emulator   June *2011 – Feb 2012*
On-site assignment – Hilversum, Netherlands.
- eGem (enhanced GMPLS emulator) consists of two different simulators that are glued together in order to emulate the control plan of a n/w of LamdaUnite systems.
- The emulator consists of a network simulator (NWS) and LamdaUnite simulator on the top.
- eGEM provides the simulation of a network of ONN nodes couple to real unites.
- Developed multiple **Java** and Java Logger **APIs** and **Oracle DB.**

SKILL SET

Programming Language: Java	**Cloud:** AWS
Frameworks: Spring Boot	**Database:** MySQL, MongoDB, PostgreSQL
Agile Tools: Atlassian JIRA, Confluence, Bit Bucket	**CI/CD Tools:** Jenkins
Testing Frameworks: Junit	**Others:** Kubernetes, Docker, Kibana, Splunk, Kafka

ACHIEVEMENTS

- Certified **AWS Certified Solutions Architect - Professional**
- Certified **Terraform Associate Certification**
- Certified **Oracle Certified Professional – Java SE 17 Developer**
- Certified **Kubernetes Application Developer**
- Certified **TOGAF 9**

EDUCATIONAL QUALIFICATION
Bachelor of Engineering (Computer Science) | University of Madras, Chennai | 1998 **| 65%**
Master of Business Administration (Technology Management) | Anna University, Chennai | 2009 | **72%**