

Muktesh Mishra

- A passionate engineer with “Willingness to learn and curious to know” attitude
- **8+ years** of full stack development experience in **FrontEnd, Backend, DevOps and Polyglot technologies**
- Worked with globally distributed teams
- Front end and back end development experience with secure code practices and 12 factor app software in cloud using fully automated CICD and DevOps methodologies.
- Wide range of skills starting from designing, system and deployment architectures to developing software in frontend and backend (Using open source technologies and operational excellence practices).
- Contributor/actively involved in Open source projects/community and speaker/presenter in various conferences

mukteshkrishra@hotmail.com

mukteshkrishra@gmail.com 

(669) 248- 9204 

Sunnyvale, CA 

<https://linkedin.com/in/mukteshkrishra>

<https://twitter.com/mukteshkrishra>

<https://github.com/mukteshkrishra>

<https://medium.com/mukteshkrishra>

[SpeakerDeck@muktesh](https://speakerdeck.com/mukteshkrishra)

WORK EXPERIENCE

Adobe Inc. (Jul 2019-Present)

Role: Sr. Software Development Engineer

Technology Stack: Azure, AWS, Docker, Java, Jenkins, Angular, Redis, Maven, Elastic Search, Kubernetes, Nginx, Tomcat, NPM, TerraForm, Cloudformation, Python, Conda

Responsibilities:

- Working on Architecture and reliability for Mission critical systems at Adobe

Capital One LLC. (Nov 2015-Jun 2019)

Role: Sr. Software Engineer and Software Engineer

Technology Stack: AWS, Docker, Java, Jenkins, Angular, jQuery, Redis, Grafana, Dropwizard, Hystrix, Maven, InfluxDB, MySQL, Java KMeans, Kubernetes, Nginx, Tomcat, NPM, TerraForm, Cloudformation, Conda, Python, Tornado, Mongo, Redis, Elastic Search, DataDog

Responsibilities:

- Applied and owned methods related to “**you code, you build, you own**”
- Designed and Rearchitected developer platform and Synthetic Data platform for high availability (or 24*7 availability), ease of operations, scalability, increased efficiency and better operational excellence
- Developed end to end feature requests for UI and backend
- Developed high load web services with ability to better handle load via architecture and code
- Implemented push button based fully automated CICD pipeline (using Jenkins, Spinnaker, Docker and AWS (multiple Services), for no fear releases and easy rollbacks) with BG and canary fashion deployments
- Developed multiple open source based tooling along with regular development work for better observability and alerting
- Designed and implemented Open source based atomic monitoring solution for APIs (capable of monitoring JVM,API, Circuit Breakers, Container and clusters). Saved a lot of Money to Capital One which was getting spent on licensed products (also has ability to alert and self decision making / healing)
- Migrated APIs from onprem to cloud infrastructure by implementing 12 factor app fashion, better availability, fault tolerance and performing benchmarking and code changes
- Researched multiple approaches and open source solutions to apply in various problems related to build and develop
- Continuously involved in code reviews and making sure software delivered in high quality
- Actively monitored and troubleshooted and fixed multiple production issues existing due to code or at wrong implementation

TECHNICAL EXPOSURE

Languages: Java, JavaScript, Python (Basics). SQL

Markup languages: HTML, XML

Frameworks: Spring MVC, jQuery, Spring Boot, Angular, NodeJS, RestEasy, Hystrix. Serverless

Technologies: Docker, AWS (Multiple Services), Ajax, JSON, GCP (Multiple Services), Oracle Coherence, Redis, ESAPI, Kubernetes, Azure (Multiple Services), Elastic Search

Databases: Oracle, SQL Server, MySQL, Influx, Mongo, Postgress, clickDBMS, Dynamo

Web /App Servers: Tomcat, JBoss, Apache, Nginx, Jetty, Tornado

Build Technologies: Apache Maven, Conda, Gradle, NPM

DevOps Tools: Jenkins, Travis CI, Spinnaker, Artifactory

UI Tools: Firebug, Safari WDK, Chrome Kit

Operational Excellence: PagerDuty, ELK, Grafana, Splunk, Cloudwatch, Zabbix, FluentD, NewRelic

Design Patters: Factory, Circuit Breaker, Singleton and Strategy

Tools: Jmeter, PerfAnalyzer, PageSpeedInsight, Fixme, SVN, Git, AB

Bug tracking /Documentation: JIRA, Radar, Confluence

Apple-TCS

(Jul 2012-Oct 2015)

Role: Software Engineer

Technology Stack: Spring, jQuery, HTML, RestEasy, Java, Jboss, Ajax, Restful Web services. Oracle, Jetty, Maven

Responsibilities:

- Developed high available, robust and scalable software and web services+
- Refactored existing code and applied design patterns for ease of maintenance, better readability understanding and performance
- Analysed and remediated/fixd Infosec vulnerabilities and findings at Infrastructure and code level
- Worked on developing applications for Call centre domain and Retail business of Apple business
- Developed multiple enhancement and feature requests ranging from front end and backend
- Involved in multiple code reviews and making sure high quality code is delivered
- Migrated JBoss version from low to high to remediate Infosec vulnerabilities and better performance
- Worked with different cross zone and location teams and making sure timely delivery of my software
- Integrated CDN solution for image preserve using Akamai APIs for Purge, content storage and distribution
- Identified/consulted with others and fixed performance bottleneck problem existing in code or at infrastructure level
- Made sure to apply best practices in development, operations excellence and implemented logging solution for better trouble shooting

Micron-TCS

(Mar 2011-Jun 2012)

Role: Software Engineer and Software Engineer (Trainee)

Technology Stack: ModelN, Java, Oracle, Postgress, jQuery, HTML, CSS, Restful APIs, Tomcat

Responsibilities:

- Developed solution for Micron reporting using ModelN APIs and Restful Java webservices
- Analysed requirements, prepared low level and high level documentation
- Developed code for front end backend based on requirements
- Maintained and deployed code in production
- Implemented and improved unit test coverage of entire application for better experience
- Actively monitored and trouble-shooted production issues

CERTIFICATIONS

- AWS CERTIFIED ASSOCIATE SOLUTION ARCHITECT
- AWS CERTIFIED ASSOCIATE DEVELOPER
- ORACLE CERTIFIED JAVA DEVELOPER
- ORACLE CERTIFIED PLSQL PROGRAMMER
- ORACLE CERTIFIED WEB COMPONENT DEVELOPER
- MICROSOFT CERTIFIED HTML5, CSS3, JAVA SCRIPT SPECIALIST
- GCP CERTIFIED CLOUD DEVELOPER (BEGINNER)
- MICROSOFT CERTIFIED AZURE FUNDAMENTALS

EDUCATION

Bachelor Of Technology in Computer Science and Engineering

U.P. Technical University

ACCOLADES

Capital One Star Team member (Tech Excellence)

Special Performance award (Capital One)

On the spot award (Apple-TCS)

On the Spot Award (Micron-TCS)

Founder of Sunnyvale and NorCal Java User groups

Member of Java Specification Review group