**Harshil Patel**

**Full-Stack Software Engineer**

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# Summary

AWS Certified Software Engineer with over two years of experience building large, scalable applications with AWS Cloud and Full Stack Java. Reduced security risks by 98%, sped up CI/CD timelines by over 50% and reduced application latency by 40% for vital business functionalities. Seeking to leverage my technical skillset and expertise to increase productivity for a team and company with a modern vision.

# Work Experience

## Software Engineer | Wipro Ltd. | Dallas, TX | June 2018 – Present

Full time Software Engineer placed on multiple projects utilizing AWS and Full Stack Java with *Capital One*. Client projects:

## Software Engineer | Capital One | January 2019 – Present

* Drove migration of legacy UI application to modern SpringBoot tech stack resulting in 40% faster response times, simplified development process, reduced maintenance costs and enhanced browser compatibility
* Led reconfiguration of CI/CD pipelines to leverage Docker and AWS ECS deployment leading to 80% faster, seamless deployments and reduced manual responsibilities
* Remediated over 1000 vulnerabilities across 5 applications resulting in 98% fewer security compliance risks and safer infrastructure
* Designed architecture for migrating a legacy batch job application to open source technologies with a modern Spring tech stack while targeting a cloud based, fault tolerant infrastructure and an automated deployment pipeline.
* Migrated a legacy REST API to a modern SpringBoot stack with microservice architecture resulting in multiple, individually deployable, fault tolerant APIs, adoption of open source technologies and 80% quicker deployment via a new automated CI/CD pipeline.

*Skills Used - Java, Spring, AWS, HTML, JavaScript, CSS, jQuery, Ajax, Python, Tomcat, WebLogic, Linux, Shell Scripting, Jenkins, Chef, Docker, Ruby, SQL, Oracle, PostgreSQL, Redis, Git, Snowflake, Splunk, New Relic, Automic, ELK, Agile, REST, Kafka, RabbitMQ, Service Now*

## Software Engineer | Capital One |September 2018 – January 2019

* Developed a Spark / Scala ETL framework resulting in a generalized approach for reading, manipulating and storing large datasets in various formats including parquet, avro, csv and database tables in RDS and Snowflake.
* Built and configured Jenkins based CI/CD pipeline to deploy onto AWS EMR resulting in less manual oversight and 50% faster build and deploy process.

*Skills Used - Spark, Hadoop, Scala, Java, AWS, ScalaTest, Shell Scripting, Jenkins, Groovy, SQL, Oracle, MySQL, Snowflake, Git, Agile, Service Now*

# Technical Skills & Certifications

**Certifications:** AWS Certified Developer – Associate (valid May 2023)

**Languages**: Java, Scala, JavaScript, Python, SQL, HTML, CSS, Ruby, TypeScript, Groovy, MATLAB, R

**DevOps:** Docker, Jenkins, Chef, CloudFormation, Splunk, New Relic, Automic, ECS

**Frameworks**: Spring, Angular, Express.js, Django, Flask, Rails, Twitter Bootstrap, React

**Databases**: Oracle, MySQL, PostgreSQL, NoSQL, MongoDB, DynamoDB, Snowflake, Redis

**Miscellaneous:** AWS,GitHub, Maven, Ant, jQuery, Node, Ajax, JUnit, Mocha, ScalaTest, Shell Scripting, Linux, TDD, OOP, RESTful architecture, SDLC, Scrum, Agile, Tomcat, WebLogic, Kafka, RabbitMQ, Spark, Hadoop, Service Now, Troubleshooting

# Education

## Full-stack Development Resident | Coding Dojo | Dallas, TX | September 2017 – January 2018

**B.S in BioEngineering |** University of Washington |Seattle, WA | September 2013 – June 2017