

# SHEEKHA JARIWALA

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## EDUCATION

**Oregon State University, USA**      **2018 - Present**

Expected graduation – June 2020

MS in Computer Science  
(Under Dr. Christopher Scaffidi)

**Gujarat Technological University, India**      **2010 - 2014**

BE in Electronics & Communication

## PROGRAMMING LANGUAGES

Java • Python • Javascript • C# • SQL • Cypher

## DEVOPS

Github • Jenkins • Maven • Docker • AWS EC2 • AWS S3 • AWS CodeDeploy • AWS CodeBuild • AWS CodePipeline

## TOOLS

JIRA • HP ALM • HP QC • Neo4j • MySQL • Postman • Visual Studio Code • Eclipse • Tortoise SVN • Artifactory • SeeTest Automation

## LIBRARIES AND FRAMEWORKS

NodeJS • React • Selenium WebDriver, • TestNG • Cucumber • Appium • Perfecto • Jersey • Pytorch

## COURSEWORK

Algorithms • Machine Learning • Software Engineering Methods • Software Project Management • Database Management Systems • Computer Architecture • Applied Machine Learning • Natural Language Processing • Deep Learning • Theory of Computation

## WORK EXPERIENCE

**2014 - 2018**

### COGNIZANT TECHNOLOGY SOLUTIONS

#### **Alexa Automation Framework Development**

- Saved 68% of human working days by developing **TestNG** based framework to automate testing of banking skill on Amazon Alexa.

#### **CI Pipeline Setup**

- Built CI pipeline using **Jenkins, Maven, Git** and **JFrog Artifactory** by modifying & integrating test-framework to trigger sanity tests for web & mobile app builds to share build-health reports for 26 engineers.

#### **Mobile Test Automation Framework Development**

- Built and customized hybrid test-automation framework for cloud mobile devices to run tests using **Appium** and **Perfecto**. Reduced test-execution time by 82% to signoff builds from SIT to QA environment by writing test-scripts to automate testing of mobile apps.

#### **HP ALM ReST API Client Utility**

- Reduced time by 96% to analyze automation effort-saving for 8 engineers by developing a client to fetch test-run time from **HP ALM**.

### TEAM MANAGEMENT

**2018 – 2020**

#### **Graduate Teaching Assistant**

- GTA for **Software Engineering Methods** for **73 graduate & 30 undergrad** students, **Software Project Management** for **25 graduate** students & **Cloud Application Development** for **58 undergrad** students.

#### **Team Lead**

- Delivered training on **Java**, web & mobile automation testing using **Selenium Web Driver, Appium & Perfecto** for a team of **15 resources**.
- Led, mentored, performed code-review for a team of **3 resources** interviewed out of 15 resources trained to perform for web & mobile automation testing.

### PROJECTS

**2018 – 2020**

#### **Expert Retrieval System**

- Designed & developed a web-app using **React, Redux, Node.js, Express & Neo4j** graph-database to source students' and their domain expertise info to model property graph to search topic experts.

#### **DevOps in AWS**

- Built the CI/CD pipeline on **AWS** platform using **CodePipeline, CodeBuild** and **CodeDeploy** for an Node.js application.

#### **GIFovie**

- **NodeJS** application using **Express** to let users add sounds stored in **AWS S3** to GIFs from **Tenor API** and share them.