

# Rushi Patel

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## Summary

Oracle certified associate with almost 4 years of work experience in IT industry. Developer and mentor at the Google Developer Student Club at Dalhousie University. Dedicated speaker skilled in influencing students through effective teaching sessions on the topics of my interest.

## Technical Skills

**Languages:** Java, C#, Python, Gherkin, HTML5, CSS3  
**Databases:** SQL (MySQL), MongoDB, Firebase, DynamoDB, Graph DB(Neo4j)  
**Frameworks/Libraries:** Selenium WebDriver, Junit, NUnit, Springboot, JPA Hibernate, BDD Specflow, Spring MVC, React.js, Node.js, Material UI, Flask, ASP.NET, Flask  
**Tools and Technologies:** AWS (EC2, Cognito, SNS, SQS, API Gateway, Lambda, S3, Lex, Secret Manager, VPC, RDS Aurora), Docker, Webpack, npm scripts, JSON, RESTful API, Git, CI/CD, IntelliJ, PyCharm, VS Code, GCP, Chrome DevTools, Postman, Jenkins, Jira, SonarQube

## Education

<b>Master of Applied Computer Science</b> <i>Dalhousie University</i>	September 2021 – Expected May 2023 <i>Halifax, NS, Canada</i>
<b>Bachelor of Engineering in Computer Engineering</b> <i>Gujarat Technological University (CGPA: 8.09)</i>	July 2013 – June 2017 <i>Ahmedabad, Gujarat, India</i>

## Experience

<b>Teaching Assistant – CSCI 3130 Software Engineering</b> <i>Faculty of Computer Science, Dalhousie University</i>	April 2022 - Present
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- Involved in the development of new material for department courses by contributing to the creation of appropriate teaching materials to ensure that content and delivery methods satisfy learning objectives.
- Conducted labs for **Test-driven development, Solid Principles, Design Patterns, Code Smells** and **Gitflow workflow**.
- Provided timely and frequent feedback to students, fostering an environment of open communication and interest in discovery.

<b>QA Engineer</b> <i>Ness Technologies</i>	September 2020 – July 2021 <i>Mumbai, India</i>
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- Configuring **SonarQube** and **SauceLabs** for executing scripts in parallel and cross browser testing and utilising SonarQube for automated static code analysis.
- As the only Automation Test Engineer in the project, developed a standalone project in Java to compare and list files (with details of all the files) from different **AmazonS3** servers using AWS integrated with Apache Maven dependencies.

<b>Associate Consultant</b> <i>Capgemini</i>	June 2020 – September 2020 <i>Mumbai, India</i>
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- Designed and implemented the automation framework of Chubb small commercial marketplace application by using **Selenium WebDriver, NUnit**.
- Used Data Driven Framework to check the behavior of application with different inputs as parameters using Selenium.
- Followed agile methodology and implemented clean code practices, **SOLID** principles, and **Test-Driven Development** using **BDD Specflow**.

<b>Sr. Software Engineer</b> <i>Capgemini</i>	October 2017 – June 2020 <i>Mumbai, India</i>
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- Deploying the code in test as well in production environments with an added responsibility to merge the code using **Tortoise SVN/Bitbucket**.
- Responsible for creating the controllers and services to get the response using **Spring MVC** Framework and **Hibernate**.

## Projects | More Projects on GitHub

**Igloodoor – Complete Password Security**

- Planned, designed, developed, and deployed a responsive cloud-based web application that handles complete password management that ensures the safest password by increasing the average password security by **65%** in an **agile environment**.
- Used AWS services (**Cloud Formation, Cognito, EC2, S3, VPC, Lambda, RDS, API Gateway**) and integrated these services to run the application on AWS infrastructure.

### Smarticle – Smart Article Application

Led an agile team to plan, design, develop and deploy a responsive web application that lets users to create, display, follow articles based on users’ preference using **Springboot**, and **JPA**.

- Built **RESTful APIs** to interact with **Twitter** to get real time tweet data of the articles using **Twitter 4j** and utilized **JWT** for user authentication.
- Created and maintained integration pipeline in **Heroku** and **GitHub** for **CI/CD**. Managed source code using **Git** version control and adhered **GitFlow** branching strategy for on-time release.

## Achievements

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|------------------------------------|-----------|
| Customer Delight Award – Capgemini | 2019      |
| Rising Star Award – Capgemini      | 2019      |
| Star of the month – Capgemini      | 2020      |
| University Champion – Table Tennis | 2013-2015 |
| State Champion – Table Tennis      | 2014-2015 |
| College Champion – Soccer          | 2014-2017 |

## Certifications

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| Oracle Certified Associate Java Professional | 2018 |
| ITIL Foundation                              | 2018 |