Rushi Patel
902-809-0051 | ✉ rushi.patel@dal.ca | GitHub | LinkedIn

Education

Master of Applied Computer Science   September 2021 – Expected May 2023
Dalhousie University (GPA: 4.25/4.3)   *Halifax, NS, Canada*

Bachelor of Engineering in Computer Engineering   July2013–June2017
Gujarat Technological University (CGPA: 8.09/10)   *Ahmedabad, Gujarat, India*

Technical Skills

Languages: Java, C#, Python, Gherkin, HTML5, CSS3
Databases: SQL (MySQL), MongoDB, Firebase, DynamoDB, Graph DB(Neo4j), PostgreSQL
Frameworks/Libraries: Selenium WebDriver, JUnit, NUnit, Springboot, JPA Hibernate, Quarkus, Mutiny, gRPC, Spring MVC, BDD Specflow, React.js, Node.js, Material UI, Flask, ASP.NET, Maven
Tools and Technologies: AWS (EC2, Cognito, SNS, SQS, API Gateway, Lambda, S3, Lex, Secret Manager, VPC, RDS Aurora), Docker, JSON, RESTful API, Git, CI/CD, IntelliJ, VS Code, GCP, Postman, Jenkins, Jira, SonarQube, RedHat OpenShift, Solace PubSub+

Experience

IT Developer   Jan 2023 – ~~Present~~
Canada Revenue Agency   *Halifax, NS, Canada*
- Worked in an agile workflow, analyzed business requirements, and built a prototype of the ePayroll application using Java, gRPC, Quarkus, Hibernate ORM, PostgreSQL, and RedHat OpenShift.
- Created a pipeline and deployed the prototype on the OpenShift cloud space.
- Configured Solace to create Queues and publish messages to a topic via Quarkus application using JMS protocol.

QA Engineer   Sept2020–Jul2021
Ness Technologies   *Mumbai, India*
- Configuring **SonarQube** and **SauceLabs** for executing scripts in parallel and cross browser testing and utilizing SonarQube for automated static code analysis. Wrote efficient code using Selenium to automate test cases.
- Developed a standalone application in Java to compare and list detailed files from different **AmazonS3** servers using **AWS SDK** and generated comparison report which benefitted the client to make crucial business decisions.

Associate Consultant   Nov 2018 – Sept 2020
Capgemini   *Mumbai, India*
- Designed and implemented the automation framework of Chubb small commercial marketplace application by using **Selenium WebDriver**, **NUnit** in an **agile workflow**.
- Followed agile methodology and implemented clean code practices, **SOLID** principles, and **Test-Driven Development. Improved time efficiency by 30%** to run test suites by converting TDD framework into BDD framework. Appreciated by the client by awarding the Customer Delight Award.
- Utilized **Git** for version control and followed a predefined **GitFlow** branching strategy for source code management.

Sr. Software Engineer   Oct 2017 – Nov 2018
Capgemini   *Mumbai, India*
- Planned, designed, and developed an application to **enhance the functionalities** of service now application using **Java,** which was later used by the entire team in a financial domain project of Synchrony Financial Bank.
- Responsible for creating controllers and services to get response using **Spring MVC** Framework and **Hibernate**.
- Deploying the code in test as well in production environments with an added responsibility to merge the code using **Tortoise SVN/Bitbucket**.

Projects | [More Projects on GitHub]

Igloodoor – Complete Password Security
- Worked in a team of three to plan, design, develop, and deploy 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**.
- Responsible for using **AWS services** (**Cloud Formation, Cognito, EC2, S3, VPC, Lambda, RDS, API Gateway**) and responsible to integrate 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 Hibernate**.
- 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 **Git Flow** branching strategy for on-time release.

Multi-Cloud based Serverless Hotel Reservation System
- Built **serverless** application using **multi-cloud deployment model**, and backend-as-a-service (BaaS).
- Used **GCP** as well as AWS services to implement features like room booking, food ordering, review feature, chatbot, chat communication, and application usage analytics to the admins.
- The team implemented services like Cognito, Firebase authentication, DynamoDB, Lambda, Lex, GCP Pub/Sub, GCP AutoML and Elastic BeanStalk to build the application.
- Responsible for developing **API endpoints**, building **Lex chatbot** and integrating the bot in the react application.

Achievements [Link]

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 [Link]

Oracle Certified Associate Java Professional	2018
ITIL Foundation	2018
Emergency First Aid & CPR/AED	2022