

# ROSHAN PATEL

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## EDUCATION BACKGROUND

### Dalhousie University

MASTERS OF APPLIED COMPUTER SCIENCE, (MAY 2021)

-Current GPA : 4.0

-Relevant Course Work In: Adv. Topics in cloud computing(Summer 20),Data management, warehousing and analytics(Winter 20) ,Mobile computing (Winter 2020), Adv. Topics in web development.(Summer 20)  
Key Achievement : Awarded MACS Merit based scholarship based on my GPA.

### Sal College Of Engineering

BACHLERS IN INFORMATION AND TECHNOLOGY

- GPA : 4.0

- Relevant Course Work In: Advanced JAVA,Distributed DBMS,Data mining and business intelligence

## EMPLOYMENT BACKGROUND

### Junior Android Developer Intern

SILVERWINGS TECHNOLOGY , INDIA | APRIL 2018 - APRIL 2019

- Designed android application components.Created an application in JAVA from start to finish.
- Used SQL DB to store the data. Led team of 3 people, conducted and managed Weekly and Bi-weekly agile sprint.
- Performed research and development task to design and implement new components.

## PERSONAL PROJECTS

### Find Team Mates

Website (Front-end : Angular | Back-end : Spring Boot | Database : AWS RDS | Deployed to Heroku)

Allow the user to create and join various IT project.A great way to find new team mates and start an exciting project.

- Implemented all Front-end and back-end functionality from scratch.
- JWT is used for every API request to the server.
- Spring security is used for role based authentication.
- Java Mail is used to send the Customized notification to the user.

### Spam Checker Chrome extension

Chrome Extension (Language used : JavaScript, HTML, CSS)

Allow the user to check whether any websites contain spam content or not.user just need to select the content in-order to see the content is spam free or not.

## SKILLS

- Programming Skills Java, C, Node, Kotlin
- Web Technologies HTML, CSS, JavaScript, TypeScript
- Development Frameworks/Tools Spring Boot, Angular, SailsJS
- Databases MySQL, MongoDB, Neo4j
- BI tools Congnos, Tablue
- Build/Deploymenet Tools AWS, Heroku, Openstack, Docker
- Testing Framework JUnit,PostMan
- Project Communication Tools Atlassian JIRA, Trello
- Version Control GIT, GitHub

## ACADEMIC PROJECTS

### Track My Job

Website (Front-end : Angular | Back-end : Spring Boot | Database : AWS RDS | Deployed on Heroku)

This website allows the user to keep track of various job applications they have applied for.The user can easily manage the job applications and change the status of the application.

- Implemented the analysis page that helps to analyze the job application.
- Designed the homepage and blog feature of the website.

### Book my Task

Android application (Kotlin)

- With the team of 4 members , we created an android Application to provide Local servicemen (Plumber, Electrician, Carpenter, Etc.) in the area.
- Understood and Applied Agile Principles for the development of project

### Order Management System

Website (SailsJS | Database : AWS RDS ,Azure database | Deployed using : Docker on AWS EC2)

This website allows three different company to interact with each other and manage their order.Two companies handles their products data and the third company display and allow the user to order the products.

- To store data AWS RDS and Azure was used.
- Daily scrum meeting and used trello while developing
- Deployed on AWS EC2 instance using dockerized container

### Twitter sentiment & semantic analysis

Language used: Python ,Visualization tool: Google tableau

- Twitter API was used to fetch the recent tweet based on a set of keyword.
- Implemented Python script to extract positive and negative keyword from the tweet and show the polarity of the tweet.
- Used Goolge tablue to show the data in the visual form (e.g. Word cloud)