

ROSHAN PATEL

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 roshan0923.github.io/
 github  LinkedIn

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.Provides a 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.

- Used third-party API to send data and receive response.
- Utilized Bootstrap CSS framework to make visually appealing web-page.

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, Tableau
- Build/Deployement Tools** AWS, Heroku, Openstack, Docker
- Testing Framework** JUnit,PostMan
- Project Communication Tools** Atlassian JIRA, Trello
- Version Control** GIT

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)

- Created an android Application with the team of 5 people 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.

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

Twitter sentiment & semantic analysis

Language used: Python ,Visulization tool: Google tableau

- Used Twitter API 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 tabluue to show the data in the visual form (e.g. Word cloud)