

M/R JAI KUMAR

SOFTWARE DEVELOPER



902-990-1007



Halifax, NS, Canada



jai@dal.ca



[LinkedIn](#)

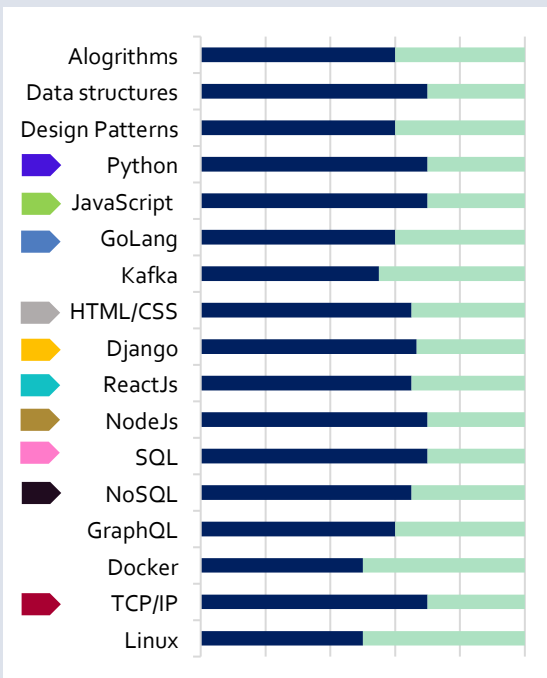


[GitHub](#)



[Website](#)

SKILLS



EDUCATION

Master's in Internetworking

DALHOUSIE UNIVERSITY

GPA – 3.8

2020 - 2021

Bachelor's in Computer Science

SRM UNIVERSITY

GPA – 3.3

2015 - 2019

ABOUT ME

To work for a reputed organization where I can effectively & efficiently contribute my skills as software professional.

PROJECT

TWEETAL    

Python web application using twitter API for marketing

- Developed a web application on Python with 4 major services i.e., finding users through keywords from tweets, listing users for analysis, contacting specific or all users from list through twitter direct message and scheduling tweets on organizations twitter account.
- Benefits – Target specific audience, connect to potential clients and facilitates organization's social interaction.

SOCIAL BLOCK    

MERN stack social media platform

- Designed and implemented using Model-View-Controller design pattern.
- Performs Authentication & Authorization using JWT for protected routes.
- Benefits – Find & make new friends, increase social connections.

HTTP LOAD BALANCER  

L-7 Load Balancer using Test Driven Development

- L-7 Load Balancer that can perform path-based and host-based load balancing and performs server health checks before redirecting the load.
- Developed using Test Driven Development approach.
- Benefits – solves overload problems, decreases response time, performs network optimization.

EXPERIENCE

INTERN PYTHON DEVELOPER

Tech Ahead Software JUL-2019 to DEC-2019

Responsibilities – Backend & API Development, Database Design and Management.

Problem – To find a way to help marketing team to target relevant audience and connect with possible clients. **Solution** – Developed a marketing tool (Tweetal), allows employees to search people via specific keywords along with location date posted and various filters. Resulting list of Twitter users can be reached using built-in Twitter DM service.

INTERN FRONT-END DEVELOPER

Technoarch Software JAN-2019 to JUN-2019

Responsibilities – Frontend Development and UI design. **Problem** – To overcome React's unidirectional props flow and enhance user experience. **Solution** – Learned and implemented Redux which provides single store which can be accessed by any component in the project. Using Redux flow achieved better user experience even after page reloads.

INTERN SOFTWARE DEVELOPER

Indian Oil Corp. DEC-2017 to JAN-2018

Responsibilities – Web Designing, Web Development, Database management, Concept of Networking Security, and Information System. The internship ended with a project to develop a superannuation web form for the employees and to connect a small office site and apply Information system to it.