Rohan Dhiman

LinkedIn: rohan-dhiman-923a21144

Address: Apt 1208, 1280 Rue Saint Marc, Montreal, QC H3H2G1
Email: rohansarnjitdhiman@gmail.com | Mobile: 438-927-9468

SUMMARY

Current Masters of Applied Computer Science student at Concordia University, Montreal. I have an experience of 1.5 years in FrontEnd & API development at India's largest IT Company TCS for the client State Bank Of India. I'm very interested in learning about and working with emerging digital technologies. Interested in developing a better problem-solving method for difficult tasks, as well as learning new technologies and tools as needed.

TECHNICAL SKILLS

Languages	:	Java, C++, JavaScript, HTML, CSS, VB.Net, Python
Frameworks	:	React.js, Apache Hadoop, Node.js
Databases	:	MySQL, PostgreSQL
Dev Tools	:	Visual Studio, Eclipse, IntelliJ, Jupyter NoteBook, Git, Amazon AWS EC2, UiPath, Google DialogFlow, Google Firebase
Testing	:	Unit Testing (JUnit), White Box Testing, Grey Box Testing, Black Box Testing
OS	:	Windows, Linux, MacOS
Methodologies	:	Agile, Waterfall, Iterative methods

EXPERIENCE

Assistant System Engineer   Oct 2020 – Mar 2022
Tata Consultancy Services Pvt Ltd   *Mumbai, Maharashtra, India*

- Worked on the client side for State Bank Of India one of India's Largest Bank
- My role was to develop the Banks **Front-End application** that was used by the Branch Teller's.
- The application is being used in all the 28,000 branches across India.
- The coding languages that I have worked on were **VB.NET, Java, HTML, JavaScript & XML**

Research Analyst Intern   Jan 2018 – Jan 2019
Organic Bots , Incubator Center   *Remote – North Carolina, USA*

- Worked with **Robotic Process Automation, Machine Learning and Blockchain Technologies**
- Worked on researching and building small applications using **UiPath, Google DialogFlow and Machine Learning classifiers.**
- Applications that I built included a ChatBot using Google DialogFlow, UiPath Application for text scrapping automation for application form filling and Fake News Detection using Naive Bayes Algorithm .

Intern   1 June 2019 – 30 June 2019
Sandvik Asia Pvt. Ltd   *Pune, Maharashtra, India*

- Worked for the Industrial Project titled 'IT Asset Management System'.
- My role here was to develop in-house projects for the company which were used for the employees as well as to handle the working of the production machines used in the company.
- Coding languages that I got to work on was **C Sharp (MVC Architecture)**.

EDUCATION

Concordia University   Montreal, Quebec, Canada .
Masters of Applied Computer Science   *Sept 2022 – Apr 2024*

Course Work :
- Programming And Problem Solving
- Advance Programming Practices
- Distributed System Design
- BigData Analytics
- Software Design Methodologies

Pune University   Pune, Maharashtra, India
Bachelor of Engineering in Computer Engineering   *Aug 2016 – Apr 2020*

PROJECTS

Distributed Movie Ticket Booking System   Java, Java RMI, User Datagram Protocol(UDP), Distributed System Design

- Designed and developed a Distributed Java application for booking of Movie tickets on three different theatre servers **Java, Java RMI and User Datagram Protocol(UDP)**
- There were three different servers created assumed for three theatres. The client and server connection was implemented using Java RMI.
- Server to Server connectivity was established using UDP.
- The Admin user could create movie slots, remove movie slots and view the movie slots available on all servers. The customer user could book a movie ticket, cancel a movie ticket and also view the movie tickets he/she booked accross all servers.

Flight Ticket Booking Software   Java, PostgreSQL, API

- Built a user friendly software to book tickets. The flight data was downloaded using the Skyscanner API and database operations were performed using **PostgreSQL**.

Covid 19 Fact Checker   Multinomial Naive Bayes, AWS EC2, Python

- Developed a user-friendly web-based application to detect whether a news related to Covid is fake or real. The application was developed using machine learning training model **Multinomial Naïve Bayes** and was deployed on the web using **Amazon Web Services EC2**.

Built A ChatBot For College Library Website   Google DialogFlow, Google Firebase

- Developed a chatbot for my college library.
- The chatbot was used to handle library-related questions from college students.

PUBLICATIONS

Fact Check Using Multinomial Naive Bayes

- Pradhan M.A., Shinde A., Dhiman R., Ghorpade S., Jawale S. (2021) Fact Check Using Multinomial Naive Bayes. In: Satapathy S.C., Bhateja V., Favorskaya M.N., Adilakshmi T. (eds) Smart Computing Techniques and Applications. Smart Innovation, Systems and Technologies, vol 224. Springer, Singapore. https://doi.org/10.1007/978-981-16-1502-3_81

Fake News Detection Methods: Machine Learning Approach

- Dr. Madhavi Ajay Pradhan, Ankita Shinde, Rohan Dhiman, Shreyas Ghorpade, Swapnil Jawale."Fake News Detection Methods: Machine Learning Approach", Volume 8, Issue VII, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No: 971-975, ISSN : 2321- 9653, https://doi.org/10.22214/ijraset.2020.29630

ACHIEVEMENTS

Code19 Hackathon   Team Leader

- Won the Third Prize with a grant of $3000 in the Motwani Jadeja Foundation Code 19 Hackathon for my final year project **"Covid 19 Fact Checker"**.

Research Paper Presentation   Presenter

- Presented our research paper titled "Fact Check Using Multinomial Naive Bayes" in the 4th INTERNATIONAL CONFERENCE ON SMART COMPUTING AND INFORMATICS (SCI-2020) , Hyderabad , India.

Engineering Today AISSMS COE   Technical Head

- Was chosen to be the Head for the college's Tech Fest titled Engineering Today 2019-20.