

Yash Jaiswal

Portfolio | yashjaiswal@dal.ca | +1-(782)-882-2600 | GitHub | LinkedIn

Education

Master of Applied Computer Science
Dalhousie University

Sep. 2020 - Current
Halifax, Canada

Bachelor of Technology in Computer Science
Karunya Institute of Technology and Sciences

Jul. 2014 - May 2018
Coimbatore, India

Skills

Programming Languages: Java, Python, JavaScript, C++

Front-end: HTML, CSS, XML, Bootstrap, ReactJS

Back-end: NodeJS, Express, Flask, PHP

Databases: MySQL, SQL Server, Oracle, MongoDB, Neo4j, Amazon DynamoDB

Middleware: TIBCO BW (5 & 6), Mule (3.9 & 4), IBM Integration Bus (IIB)

Cloud: Amazon Web Services (AWS), Google Cloud Platform (GCP), Docker

Tools: MuleSoft Anypoint Studio, Adobe XD, Bitbucket, Bamboo, Confluence, Jira, Sourcetree, Git, IntelliJ, Eclipse, PyCharm, MySQL WorkBench, Visual Studio Code, IBM Cognos

Professional Experience

Teaching Assistant & Marker (Part-Time)
Dalhousie University

May 2021 - Aug 2021
Halifax, Canada

CSCI 5308 Adv. Software Development Concepts & CSCI 5709 Adv. Topics in Web Development:

- Responsibilities include conducting lab tutorials, resolving student queries, monitoring student groups, advising students in group project design and development, and grading individual assignments and group projects.

Systems Engineer
Infosys

Sep. 2018 - Feb. 2020
Hyderabad, India

- Migrated existing legacy code to MuleSoft's Anypoint platform by implementing API - Led Approach and Connectivity to build APIs which made the process of data integration more streamlined.
- Gained hands-on experience working with transformers.
- Implemented exception handling and unit tests for the developed APIs.
- Developed complex data transformations using DataWeave(2.0) along with the creation of design documents for the developed APIs which reduced the ambiguity across the team significantly.
- Worked with connectors to connect to LDAP for implementing login functionality.
- Contributed to the implementation of a custom error handler that serves as a shared resource across all the APIs that works as a standard error handler.
- Delivered knowledge transfer sessions for newly onboarded members that improved the efficiency of the team by 30%.

Projects

Hockey League Simulation

Sep. 2020 - Dec. 2020

- Developed a hockey league game simulation **console** application using **Core Java**, **SQL DB**, and GSON library for JSON.
 - Built the application using the **SOLID** principles, **design patterns**, **test-driven** development approach, and following **clean code practices** using agile methodology.
 - Focused on creating **database models**, **database design**, writing **stored procedures**, and business logic for trading players with AI and user teams.
- GitHub Repo URL - github.com/theyashjaiswal/Hockey-League-Simulation

Custom Database and Database Management System

Sep. 2020 - Dec. 2020

- Created a database and a database management system **console** application using **Python**.
 - The database management system supported functionalities like user management, user authentication, parsing basic SQL Queries using **regex**, and transactions by applying locking mechanisms.
 - Implemented CRUD SQL queries, SQL dump, data dictionary, and database transactions.
- GitHub Repo URL - github.com/theyashjaiswal/Database-Management-System

Tutor Point - Tutor Booking Application

Jan. 2021 - Apr. 2021

- Built a web application that connects students with tutors and provides easy access to schedule appointments, book tutoring sessions, and workshops using **ReactJS**, **Express**, **NodeJS** and **MongoDB**.
 - Responsible for building the front-end, back-end, and database schema for tutor application process management, tutor feedback, tutor application approval, and deploying the application.
- GitHub Repo URL - github.com/theyashjaiswal/TutorPoint-MERN
Live URL - <https://tutorpoint1.herokuapp.com/>

Cloud of Duty - Audio Splitter

Jan. 2021 - Apr. 2021

- Built a web application that splits the vocals and instrumental track from an audio file.
 - The application is hosted on a multi-cloud platform that uses **AWS services** such as **EC2**, **EBS**, **Lambda**, **DynamoDB**, **S3 bucket**, **SNS**, and Heroku for the Front-end.
 - Responsible for creating the front-end and a few of the back-end APIs, lambda function for API authentication, and deployment of the code to EBS and Heroku.
- GitHub Repo URL - github.com/theyashjaiswal/Cloud-Of-Duty
Live URL - <https://cloudofduty.herokuapp.com/>

Halifax Foodie - Food Ordering System

Apr. 2021 - Aug. 2021

- Built a Serverless application that facilitates an online food ordering system with features such as chatbot, ML food recipe tagging, multi-factor authentication, report generation, and visualization.
 - The application is hosted on the AWS platform using various AWS services such as Lambda functions, API Gateway, Lex, Elastic Beanstalk, and DynamoDB, and other Google GCP services such as Auto ML in Vertex AI, Cloud Run, etc.
 - Responsible for User Authentication and User Management using Firebase and other AWS services and developed the majority of the front end of the application using ReactJS.
- GitHub Repo URL - <https://github.com/theyashjaiswal/Halifax-Foodie>

Achievements and Certifications

- Received the **MACS September 2020 entrance financial award**.
- Certified **MuleSoft Developer** - Integration and API Associate 3.9.