Mustufa Jan

438.830.4064 | mustufa.jan@mail.mcgill.ca | linkedin.com/in/mustufajan | github.com/mustufajan

Agile and proactive engineering professional with an ability to produce high-quality business outcomes and solutions adhering to tight deadlines while working under agile project management frameworks. Keenly interested in backend software development and eager to grasp new skills and concepts.

CAREER OVERVIEW & HIGHLIGHTS

TRU Simulation + Training, a subsidiary of Textron (NYSE:TXT), leading global manufacturer of commercial and military flight simulators
Technical Coordinator (Jan 2017 – November 2019), *Montreal, Canada*
Coordinated and supported the hardware and software engineering teams to develop new products and resolve issues on the existing product line. Performed initial diagnosis on the customer raised discrepancies on the frontend and backend of the product. Resolved product backend discrepancies, developed multiple frontend and backend simulation systems in collaboration with senior software engineers using C++. Controlled product load versioning while merging engineering solutions to the product load and resolving merge conflicts. Product lifecycle technologies include C++ and GitHub. Recognized with company's 'Going above and beyond' employee award based on colleague's feedback and chosen to represent the company at Boeing's Annual Partners event at Boeing's HQ in Seattle, among company's senior executives.

Scooble, my venture geared towards improving large scale daily commute of masses. (scoobleit.com)
Founder (December 2019 – June 2020), *Montreal, Canada*
A web application that connects neighbours and colleagues going the same way so they can carpool with each other on a regular basis. Once the users have registered their account and created their profile, they can post rides, access rides posted by other users, request & accept rides, make ride payments and get email and SMS notifications from the app. Several REST APIs integrated including Stripe, Google Maps, LinkedIn and ClickSend SMS. Built and deployed the web application on AWS with the Django/Python backend and ReactJS frontend while storing the data safely using AWS RDS.

EDUCATIONAL & PROFESSIONAL TRAINING

Undergraduate, Mechanical Engineering, McGill University (April 2018)
Capstone, design and Arduino programming of a robotic arm for a cooking robot at a startup based in Montreal (2018)

AWS Certified Cloud Practitioner (May 2020)
The AWS Certified Cloud Practitioner examination is intended for individuals who have the knowledge and skills necessary to effectively demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS Certifications.

Computer Science for Web Programming Professional Certificate, Harvard University (July 2020)
A six-month certified professional development program for individuals seeking a broad and robust understanding of computer science and programming geared towards Web Programming. Projects include:
→ a Wikipedia like web application that consists of a number of encyclopedia entries on various topics and allows users to view, edit and create new entries. (HTML/CSS/Python/Django)
→ an eBay-like e-commerce auction site that will allow users to post auction listings, place bids on listings, comment on those listings, and add listings to a watchlist. (HTML/CSS/Python/Django)
→ a front-end for an email client that makes API calls to send and receive emails. (HTML/CSS/JavaScript)
→ a Twitter-like social network website for making posts and following users. (HTML/CSS/ReactJS/Python/Django)
→ a Goodreads like book review website that allows users to access reviews made by other people, leave reviews for books and makes API call to pull in ratings from Goodreads. (REST/HTML/CSS/Python/PostgreSQL/SQLAlchemy/JSON/Flask)

Computer Science for Artificial Intelligence Professional Certificate, Harvard University (Ongoing)
A six-month certified professional development program providing experience in libraries for machine learning as well as knowledge of artificial intelligence principles that enabling individuals to design intelligent systems of their own.

Product Management Certificate, BrainStation (Ongoing)
A 10-week product management certificate focused on identifying problems worth solving, developing a launch strategy and managing agile teams.

SKILLS

Technical Skills: C++ | Python | SQL | Flask | Django | HTML |CSS | JavaScript | ReactJS | AWS Cloud Computing | VS Code | REST | GitHub | VBA | PowerBI | MATLAB | AutoCAD | SolidWorks | ANSYS | OpenLCA | MS Project | MS Pack | JIRA