Mushfik Rahman

Software Developer | Cloud Architect | AI Enthusiast

CONTACT

- 📞 +1-403-402-7012
- ✉️ mushfikrahman416@gmail.com
- 📍 Calgary, Alberta
- in linkedin.com/in/mushfik-rahman
- 🖥️ itsmushfik.com

EDUCATION

B.Sc, Computer Science
University of Calgary
September 2018 – June 2024

SKILLS

Programming Languages
C, C++, C#, Python, Java, PHP, NodeJS, VB Script, TypeScript, HTML, CSS, SCSS

Software & Frameworks
ReactJS, ExpressJS, MongoDB, MariaDB WordPress, Unity3D, Adobe Creative Suite, PowerBI, Microsoft Office, AWS SDK & CDK, VS Code

Technical
REST-ful API, Cloud Architecture & Development, SEO, Digital Marketing, Graphic Designing, CI/CD Piplelines

CERTIFICATIONS

- Google Analytics Individual Qualification
- Foundation of Digital Marketing – Digital Marketing

WORK EXPERIENCES

Software Developer - Intern
TC Energy | Calgary, Alberta | May 2021 - August 2022

- Provided operational support for 3 business applications, improving ticket resolution time by 40% over 8 months.
- Resolved 50+ bugs and successfully implemented 6 major software enhancements, improving system reliability of critical business applications.
- Developed 2 cloud-native applications on AWS, which were deployed across 3 countries, supporting engineers and third-party vendors.
- Implemented AI/ML models to automate 2 key business processes, reducing manual workload by 70%.
- Created 3 PowerBI dashboards for real-time data analysis, contributing to a significant improvement in decision-making accuracy for management.

Operations Executive
Ten Minute School | Dhaka, Bangladesh | January 2018 - August 2018

- Scripted and published 53 interactive 'SmartBook' within 5 months, serving 2 million students using the platform.
- Innovated the content creation workflow as the interim team lead, improving productivity by 30% of a team of 6 developers.
- Conducted 3 training sessions on Front-end Development for 20 developers in the organization.
- Presented detailed monthly website traffic analyses to the board, driving data-driven decisions that resulted in a 36% increase in website traffic over 6 months.

OTHER EXPERIENCES

Marketing Director
Prism Advertising | University of Calgary | January 2019 - July 2020

- Designed 50+ pieces of engaging print and online media content for 15 clients.
- Conducted graphic design training sessions, enhancing the design skills of over 40 participants, resulting in a 20% increase on member registration.
- Managed the official website for 1 year, achieving, contributing to a 15% increase in web traffic.

PROJECTS

MARC (Metadata Automated Review Checker)
A scalable serverless cloud-native AWS application used by multiple business units across 3 countries which utilizes AWS Textract on drawings submitted to SharePoint sites to retrieve and validate the printed metadata.

Course Scheduler
An AI app built on Java which uses Genetic Algorithm to assign courses and labs of a department to most optimal time slots based on restriction, compatibility, and preferences.

Enrollment Bot
A python script that emulates an API for the university website through reverse engineering and polls availability of courses and automates the enrollment process.

Twitch Signal
A python script that scrapes livestream footage in real-time from a set of twitch channels and identifies if they have a guest celebrity on by running the footage data through a face recognition AI model.