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TUSMAN AKHTER

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EDUCATION

Montreal, QC	Concordia University	Sep 2015 – May 2019

- Bachelor of Engineering – Software Engineering Co-op
- Dean's List | Adacel Scholarship
- **Relevant Coursework:** Data structures & Algorithms, Operating Systems, Object Oriented Programming, Software Architecture and Design
- **Undergraduate Electives**: Databases, Artificial Intelligence, Parallel Programming, Data Communication and Computer Networks

WORK EXPERIENCE

Software Engineer	EXFO – Montreal, QC	June 2019 - Present

- System Release Integration Team
- Manage all software/hardware related to building and releasing software, including: CI/CD, InstallShield, physical server; network switch; and UPS management, Git, SVN, TeamCity, Dockerization of apps.
- Improve application for data visualization and statistics collection written in C# (API), Angular (Frontend), SQL (DB).
- Leveraged knowledge in AngularJS, C#, SQL server, Git, SVN, ASP.NET, TeamCity, GitLab, Docker

Software Engineer, Intern	Ericsson Canada – Montreal, QC	May 2018 – April 2019

- CI/CD/DevOps System Engineer
- Develop and maintain a continuous integration system built on Concourse CI using Python and Bash.
- Deploy software on servers and manage them using Ansible to provide 100% uptime to users.
- Conducted research and development tasks to discover new ways to test infrastructure code using Docker-In-Docker and Molecule.
- Leveraged knowledge in Docker, Ansible, Python, Bash, Linux, Git, ConcourseCI, PyCharm and Pytest.

Software Developer, Intern	Ericsson Canada – Montreal, QC	May 2017 – Aug 2017

- Developed an Extensible Context Environment to facilitate developers' day-to-day activities using Python.
- Eliminated developers' time spent locating programs and scripts.
- Migrated code from Bash to Python for more robustness and uniformity within organization.
- Leveraged knowledge in Python, Bash, Linux, Git, PyCharm.

Web Developer, Intern	Consoltec Inc	Sep 2016 – Dec 2016

- Participated actively in the development of the FlowFit web application, a translation management software.
- Conducted and completed analysis, design and developed interfaces.
- Created a report generator for a translation management system using KendoUI.
- Dynamically displayed data that is relevant to users in charts and tables.
- Leveraged knowledge in AngularJS, C# for a web API, SQL server, KendoUI, SCRUM methodology, SVN, Bootstrap, HTML/CSS/JavaScript and Entity Framework 6.

PROJECTS

MigrantHub
- Developed a web application using JavaScript, NodeJS and React that allows migrants in Canada to easily find services geared towards them.
- Employed machine learning to recommend services that are relevant to a user's specific profile.
- Used data collection and analytics to categorize services by popularity and helpfulness.

Languages and Technologies

- Python, JavaScript, Java, PHP, Linux, C, C#, SQL, MATLAB, HTML/CSS
- Visual Studio Code, Pycharm, Eclipse, MySQL, PostgreSQL, MongoDB, Docker, Ansible
- Git, GitHub, Gerrit, SVN, Slack, Agile/Scrum
- Bootstrap, React, AngularJS, Postman