

ABDIRAHMAN ABDI

Email: abdirahman232018@gmail.com | LinkedIn: <https://www.linkedin.com/in/abdirahman-a-b61bab196>

OBJECTIVE: Passion for Automation and process improvement, looking for Software Eng/DevOps/SRE roles.

TECHNICAL SKILLS

- **Programming:** Python, Kotlin/Java, Linux/bash, SQL, C/C++, Ocaml and assembly (MIPS, Groovy).
- **Development Tools and Technologies:** Git, GitHub, IntelliJ, Android Studio, VS Code, AWS CLI, Jenkins, Jira, Bitbucket, AWS Console.

EDUCATION

McGill University – BSc in Computer Science and mathematics – 2024

MTHREE TRAINING PROGRAM

May 2022- June 2022

- Linux for Production Support
- Python
- Relational Database and MYSQL
- Site Reliability Engineering (SRE):
 - Introduction to DevOps and SRE
 - Identifying and Managing Toil
 - Observability
 - Incident Management

EXPERIENCE:

Software Engineer Coop– Sun Life Financial – 2024

- Attending daily stand-up sessions to update the team progress of assigned Jira tickets.
- Refactored legacy codes to bring to the standards and for easy maintenance.
- Created **Python utility** app to automate the generation of config files to increase efficiency of scanning process and documented user-guide.
- Participated Innovation Hackathon-like to research on **iceberg tables** and presented technical demo to my team.
- Updating changes and documentation on the Jira board.
- **Completed** AWS Cloud practitioner Udemy Course and Terraform required for my role.
- **Technologies used:** AWS CLI, Groovy, Python, Jenkin, VS Code, Jira, Bitbucket, AWS console

Mobile Developer Coop– Sun Life Financial – 2023

- Attending daily scrum session to discuss our tasks for the 2-week sprints.
- Gather technical requirements for assigned Jira-coding task.
- Coding front app features using Android studio, pushing changes using Bitbucket. and git commands.
- Update progress and documentation on the Jira team Board.
- Supporting technical team as and when required.
- Status update report sent out to senior management every week.

Worked on the second half of the coop term with the DevOps team:

- Developed **MS Notification** for build status (both Android and iOS mobile apps)
- **Technologies used:** Kotlin/Java, Groovy, bash, Jenkin, Android Studio, Jira, Bitbucket

Digitization Project Assistant – McGill University –2021 - 2022

- Worked with managers and teams to coordinate the project and contribute to the entire project life cycle.
- Performed data processing, rare book scanning and document organization.
- Operated digital machines in the lab that require both technical and physical to generate pdf docs from ancient rare materials.

- Periodically updated reports to administrators
- Complete all required administrative tasks such as: Data validation and input.
- Featured article in the university news website as the student face of McGill Library services.
- (<https://news.library.mcgill.ca/the-student-face-of-library-services/>)

Hackathon Mentor – Med hacks- 2021-2021

- Mentored the 2021 hackathon <https://mcmehacks.com/team/our-team-2022/> programming competition as Python mentor assisting in debugging.
- Troubleshooted problems for student teams to resolve technical difficulties with the software.

PROJECTS

School Project- Home Service App – 2024

- Developed a home service booking app and its database, similar to "Uber Eats" but for services such as cleaning, plumbing, electrical work, and moving.
- Integrated SQL, Java (JDBC), IBM DB2, and IntelliJ for database and backend development in a service-oriented and user-friendly application.

Personal Project- Personal Portfolio website – 2022

- Created responsive website <https://abdirahman232018.github.io/abdirahmanabdi/index.html> using html, CSS, JavaScript from various templates and customized it.
- Hosted in GitHub, created bash script that updates changes and edits of the website with a click.

AWARDS AND ACHIEVEMENTS

- Dean Connor Scholar, Sunlife – 2022/2023
- Top 20 Coders in Quebec on kattis website <https://open.kattis.com/countries/CAN/QC> - 2022
- Ranked 4th in 2k Lachine Demi-Marathon <https://www.demimarathonlachine.com/en/results> - 2022
- TEAM award, McGill (<https://www.mcgill.ca/tpulse/tomlinson-engagement-award-mentoring-team>) -2020
- Top 1 student in national exam in Dadaab, Kenya <https://allafrica.com/stories/201712220680.html> - 2019
- World University Service of Canada Scholar (<https://srp.wusc.ca/>) – 2019