

Tahmidul Islam

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Education

Lakehead University
HBSc Computer Science

Thunder Bay, Ontario
January 2019 - May 2024

Work Experience

Raphael Stone USA
Freelance Automation Developer

Remote
Jun 2018 - July 2018

- Developed Google Apps Script automation for parsing and importing email data into Google Sheets.
- Implemented Zapier automation with Twilio integration to streamline workflows.

AI Buddy Catalyst Labs
Automation Development Intern

Remote
May 2025 - Current

- Built AI agents and automation pipelines in n8n.
- Wrote Ansible scripts and CD workflows in Github Actions for deployment automation.

Skills

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

Tools and Frameworks: n8n, Flask, Git, Docker, Zapier, GameCI, CI/CD with Github Actions

Cloud Platforms: Google Cloud Platform (GCP), AWS (EC2, S3)

Server Management: Ubuntu Server, Hyper-V, Docker Swarm, Portainer, Ansible, Homelab (5 years)

Operating Systems: Windows 7/8/10/11, MacOS, Debian distros, Arch distros

Projects

Full-Stack AI-Powered URL Shortener *Python, Flask, AWS EC2, Django, NLP, GitHub Actions*

Developed an AI-powered URL shortening service using Flask and Django. Integrated a pre-trained RoBERTa model to generate relevant slugs, enhancing user experience. Deployed on AWS EC2, automating updates and scaling using GitHub Actions.

Cloud-Based Game Development Workflow *Unity, C#, GameCI, GitHub Actions, GitHub Pages*

Built and deployed two games using Unity and HaxeFlixel, implementing game mechanics in C# and Haxe. Leveraged GameCI for automated builds and deployments. Used GitHub Actions for CI/CD and deployed the final game to GitHub Pages.

Automated Calendar Data Importer *Python, Google App Script, Web Scraping, CI/CD*

Created a Python script to automate calendar updates for free concerts in Toronto. Utilized web scraping to parse schedule data and generate ICS files. Implemented Google Apps Script integration for automatic synchronization with Google Calendar.

Awards

Dean's List

Lakehead University

Recognized for excellent academic performance in the 2020-21 academic year.

2021

Level 3 of Lakehead Makes Leaders

Lakehead University

Won the "Think Like a Boss" module, competing in a simulated investment portfolio challenge.

November 2021

References

Sadab Seraj

Project Manager
Raphael Porcelain, USA
Email: justsadab@gmail.com
Worked closely on implementing automation pipelines.

Aukik Aurnab

Chief Technology Officer
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