

# Mina Atef

Backend Engineer – DevOps Engineer – System Administrator

## WORK EXPERIENCE

### Full Stack Engineer – Systems Administrator at Outreachy | Remote

March — August 2022

Saskatoon-ng – A harvest management website using Django & Bootstrap with a 1000+ users

- Rebuilt the site's backend to a REST API adding pagination, filtering, ordering, search & DRF browsable API.
- Sped up the loading time of the website by up to **160 times in some pages** by optimizing Serializers and limiting the number of queries being made.
- Created, managed & hosted a Debian development server for the website from scratch implementing uWSGI, NGINX, send-mail, firewall, fail2ban, MySQL with automatic backups, HTTPS. And documented the whole process.
- Implemented multiple pages from scratch e.g., a statistics page for all harvests, added comments and showing/creating images for fruit field owner's properties UI and backend, pagination buttons and tables.

### Software Engineer at Freelance (self - employed) | Remote

2021 — Current

- Created QuickFlips, an eBay item listing discord bot that finds undervalued, below average marketplace value products by finding products with spelling mistakes, supports categories, ordering, etc.
- Created Infinity Team, a discord bot for managing axie infinity players, fetching their game statistics, store it on an SQLite database using the SQLAlchemy ORM, and Interacts with web3 to generate automatic QR codes for game purposes.

## Recent Projects:

ProBotX – A Community Moderation discord bot with many features including: server/user info – message logging, private mail, private confessions, fetching weather data using the OpenWeatherMap API – fetching wallpapers using the Unsplash API.

**Other Projects:** Development Environment Setup Scripts for Debian servers, Personal Portfolio web app

## VOLUNTEERING, AWARDS & CERTIFICATIONS

### AWS Certified Cloud Practitioner

Feb 2023 — Feb 2026

### Accepted into the Outreachy Internship Program

Feb 2022

Chosen from between **50** participants in the Outreachy contribution period contest for interning at the Open-Source website saskatoon-ng.

### Programming Instructor Volunteer

2018 — 2019

Taught Python, C, Arduino & Raspberry Pie in church activities for youth.

## CONTACT

[Website](#)

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## SKILLS

Python

Django

Flask - FastAPI

AWS

Ubuntu – RHEL

Deployment

PostgreSQL

MongoDB

JavaScript

NPM - YARN

HTML - CSS

Postman

GitHub

Agile

OOP

APIs

TDD

GraphQL

## EDUCATION

**Ain Shams Uni.**

**2026**

Business Admin