

SYED ABDULLAH AHMED

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Education

York University

(Hons) BSc Computer Science

Expected May 2027

Toronto, Canada

UNHack 2024 - 1st place

Relevant Coursework

• Object Oriented Programming • Data Structures and Algorithms • Software Design • Databases • Computer Organization

Technical Skills

Languages: Python, Java, C, JavaScript, SQL, HTML/CSS

Other Skills: Git/Github, Docker, Azure, Postman, Microsoft Services, SDLC (Agile, etc)

Certificates: Python Certificate (Code Academy) , Django Python Framework (Udemy), Docker (KodeKloud)

Other Activities: Muslims in STEM club - VP Outreach (YorkU), Sales Associate (CellularPoint Summer 2025), Cricket

Experience

Junior Technical Analyst

Sep 2025 - Present

Ministry of Transportation - Ontario Govt

Toronto, Canada

- Leveraged **DevOps** and **DataOps** principles to develop and containerize a **Python (Django Framework)-based full-stack** application using **Docker**, establishing isolated environments for web and database (**MySQL**) services.
- Streamlined and automated** request tracking, overtime logging, and project monitoring workflows for a **40+** member DMO team, improving efficiency and productivity.
- Designed and optimized **MySQL relational models** with persistent **Docker volumes** to ensure **data reliability** and recovery across container restarts, improving database integrity and uptime
- Conducted weekly **sprint meetings** and progress **presentations** with project leads, incorporating feedback into iterative feature development

Software Engineer Intern - Backend Team

May 2024 - Aug 2024

AletheaAI

Singapore

- Gained practical experience with **Django** and **FastAPI**, working on CRUD operations, rendering templates, writing views, querying databases, and using tools like **Postman** and **DBeaver** for API testing and database management
- Optimized codebase by auditing and removing obsolete environment variables and APIs
- Performed **blackbox testing** on the company's dApp, identifying and fixing critical bugs to improve overall reliability

Developer Intern

Jun 2022 - Jul 2022

Arbisoft

Remote

- Collaborated with a team of **20+** developers to design and implement website features for an international fashion brand
- Enhanced user experience by analysing website traffic and activity using AI to determine user preferences; launched pop-up feature ability that showed users current trending products
- Fixed existing bugs related to product zoom and other features that improved the overall website productivity

Co-Founder, CEO

May 2020 - Feb 2023

Rozgari

Remote

- Co-founded a not-for-profit to address unemployment among daily-wage workers amidst rising inflation during the Covid-19 pandemic; raised **1,000,000 PKR** through fundraising efforts to successfully launch website platform
- Developed an online and SMS booking platform with **HTML/CSS/JS** for users to efficiently secure home services (gardening, handyman etc) from vetted service providers; achieved **5** bookings per day within 12 months since launch
- Led partnerships and marketing campaigns that onboarded over **25** service providers over a span of 18 months

Projects

SquadHub - Cricket Club | Python (Django), JavaScript, HTML, CSS

2025

- Built a **full-stack web application** using **Django (Python)**, designing **relational models** for players, fixtures, and seasons, and implementing secure, role-based authentication for captains and players.
- Created dynamic, AJAX-enabled dashboards using **Django templates** and JavaScript, allowing real-time updates for player availability, fixture scheduling, and squad selection without full-page reloads.
- Deployed and maintained the platform for **35+** users, using Git for version control and applying modular design and security best practices to support scalability and reliability