





Mufeez Amjad

Software Engineering, University of Waterloo

mufeez.me 

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SKILLS

Languages: Python, C, C++, Java, JavaScript, SQL, Sass, Swift, Scala, C#

Technologies: React, Node.js, AWS, Flask, GraphQL, PostgreSQL, Express, TypeScript, React Native, MongoDB

WORK EXPERIENCE

- **Backend Engineer Intern - Media Buying | Tatari** Jan - Apr 2020 | New York, NY
 - Developed end-to-end features for new booking platform **driving millions of dollars in weekly spend** using *Flask & React*
 - Aligned key stakeholders across 3 teams, conducted user interviews, and designed wireframes for new dashboard
 - Independently created KPI dashboard **used by over 45% of the company** with functional *React, Apollo Client, and Flask*
 - Leveraged *SQLAlchemy* ORM events to extend support for audit versioning to include a paper trail with user attribution
 - Optimized API endpoints with *GraphQL* and *graphql* connections resulting in a **93% decrease in page load times**
- **Software Engineer Intern - Ecommerce | KitchenMate** May - Aug 2019 | Toronto, ON
 - Re-engineered the creation of printed labels using *S3 & Lambda*, **processing data 78% faster and halving server boot up**
 - Spearheaded a product launch of halal dishes, growing weekly active users by approximately 2%
 - Devised a graph search SQL algorithm to aggregate the cost of ingredients, driving up to a **37% decrease in food costs**
 - Initiated the implementation of an OLED display for future iterations of the IoT cooker using Python *Iuma* and *Pillow*
 - Created a meal recommendation system factoring in dietary preferences and past orders, **increasing daily orders by 8%**
- **Freelance Graphic/Web Designer | MA Designs** Apr 2015 - Jul 2018 | Remote
 - Converted and **contracted 200+** medium-sized business clients for websites, UI/UX, branding, and product design
 - Generated **\$18,000+ in revenue**, experiencing an average of 65% year over year growth over a span of 3 years
 - Designed and published four approved Snapchat geofilters with a total of over **2.2 million views**

PROJECTS

- **Status | React Native, Apollo Server & Client, GraphQL, AWS S3**
Social media app for location-based group events
 - Developed and designed a social media React Native app for discovering and facilitating spontaneous plans with friends
 - Architected a **subscription-based GraphQL** backend with real-time messaging and location sharing
- **Auxilium | Node.js, Python, React, Stellar Blockchain, AWS, MongoDB**
Registered micro-financing for low income populations - Winner at PennApps XX
 - Developed backend with **local persistence**, transaction storage on the blockchain, Twilio & **AWS Rekognition** integration
 - Implemented core ATM functionalities including deposit and withdrawal using a Raspberry Pi 3 with hardware modules
- **Bubble Burst | Swift, Firebase**
iOS Arcade game on the App Store - Published in 2019
 - Scoped and developed an iOS game with accessibility features, gaining 10,000+ ad impressions through Google Admob
 - Amassed over **1,100 downloads**, a **4.9 rating**, and over 40k impressions on the App Store with organic marketing

EDUCATION

University of Waterloo | **Candidate for Bachelor's of Software Engineering (B.SE.)**
Intended Minor in Combinatorics & Optimization

Sep 2018 - Present

Relevant Coursework: Sequential Programs, Optimization, Data Abstraction, Digital Computers, Programming Principles