Muhammad Tameem Iftikhar

SOFTWARE ARCHITECT & DEVELOPER

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ABOUT ME

I have an undeniable passion for technology and I am always striving to learn new technologies and strategies. I always strive to introduce and implement latest technologies that can help build scalable and production ready systems. My recent endeavours include moving platforms over to Kubernetes, building a DevOps AI bot and doing my own startup.

WORK EXPERIENCE

Ruksack
CTO and Co-founder, Fed 2018 - now

- Built entire platform and infrastructure for the first version of product.
- Also, build iOS app and web platform for launch.
- Directly involved with product development and customer validation.

Symantec
Principal Engineer, July 2018 - Feb 2019

- Working with the team on scaling the platform and application architecture.
- Breaking up the monolith and rewriting components as microservices.
- Designing CI/CD pipelines and deployment policies for infrastructure.
- Developed API's to support upcoming global initiatives since acquisition.
- Re-architected and coded proof of concepts for rewriting existing applications for higher performance.

Symantec
Full Stack Backend Developer, Nov 2017 - June 2018

- Spearheaded efforts to rewrite applications and move to Kubernetes to allow for increased scalability and higher velocity.
- Researched and developed pipelines and procedures for the team to deploy and monitor applications in Kubernetes.
- Architected and rewrote legacy graphite stack to be deployable in Kubernetes increasing scalability and performance by tenfold.
- Re-wrote multiple microservices in Go, breaking off chunks of the monolith and implementing new components and features.
- Optimized API's in Rails to drastically decrease response times to less than 70 milliseconds on average.
- Built multiple side projects: such as office noise bot and spark data

SurfEasy
Full Stack Backend Developer, May 2015 - Nov 2017

- Designed, built and maintained multiple highly scalable applications and systems on public cloud and bare metal servers across the globe.
- Lead efforts on breaking monolith into microservices architecture and moving over to newer containerization technologies.
- Developed a DevOps AI bot to handle on-call issues before escalating to team members, allowing for more development time.
- Moved over the IPSec service to a newer stack, working closely with the open source team at Libreswan.
- Also performed DevOps duties ranging from being on-call to maintaining systems.
- Re-wrote the existing authentication services in Go for higher scalability and globally distributed availability.

Nightly
Lead Full-Stack Developer, Sep 2014 - Aug 2015

- Architected and developed the initial beta version of the platform.
- Mentored and guided new developers joining the Nightly Team.
- Closely worked on business direction with the founders of Nightly.

IBM
Software developer, May 2013 - Aug 2014

- Implemented features and bug fixes to the DB2 Database engine.
- Performed extensive testing using Python and Perl.
- Executed extensive debugging on issues raised by customers.

EDUCATION

UNIVERSITY OF TORONTO
Toronto, Canada | September 2010 - June 2015
Electrical and Computer Engineering

TECH SKILLS

Skill								
Ruby on Rails	●	●	●	●	●	●	●	○
Go Lang	●	●	●	●	●	●	●	○
Docker	●	●	●	●	●	●	●	○
Kubernetes	●	●	●	●	●	●	●	○
Puppet	●	●	●	●	●	●	●	○
HTML&CSS	●	●	●	●	○	○	○	○
Terraform	●	●	●	●	●	○	○	○
IPSec	●	●	●	●	●	○	○	○
OpenVPN	●	●	●	●	●	●	○	○
iOS Development	●	●	●	●	○	○	○	○

GENERAL SKILLS

Skill							
Unix/Linux Environment	●	●	●	●	●	●	○	○
Object Oriented Design	●	●	●	●	○	○	○
Agile Development	●	●	●	●	●	●	○
Relational Databases	●	●	●	●	●	○	○
Scalable Architecture Design	●	●	●	●	●	●	○

TECHNICAL SOFTWARE

Software							
Xcode	●	●	●	●	●	●	○
Git	●	●	●	●	●	●	○
Kubernetes	●	●	●	●	●	○	○
Docker	●	●	●	●	●	●	○
Google Cloud	●	●	●	●	●	●	○
AWS	●	●	●	●	●	●	○

AWARDS

DEAN'S LIST OF ACADEMIC EXCELENCE
Fall 2015

Was amongst the students awarded Dean's List in 2015.

CERTIFICATE OF ENTREPRENEURSHIP AND MANAGEMENT
Fall & Winter 2015

Achieved a minor in Entrepreneurship and Business Management along with the engineering degree.

HOBBIES AND ACTIVITIES

Football
Travelling
Arts/Painting
Coding