Muhammad Tameem Iftikhar

SOFTWARE ENGINEER & FULL-STACK 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, not only to keep up with the pace of the industry, but to also satisfy my own personal drive. I always aim to introduce and implement latest technologies that can help build scalable and production ready systems. My recent endeavours include moving legacy platforms over to Kubernetes, building a DevOps AI bot and the adventure of building my own startup.

WORK EXPERIENCE

Ruksack

Co-Founder and CTO, Feb 2019 - now

- Built entire backend, infrastructure and CI/CD for deployments.
- Also, built the iOS app and react web platform for multiple products.
- Heavily involed with product development and other aspects of the startup journey.
- **Technologies used:** Ruby on Rails, Python, Swift, Docker, React, Gcloud, Kubernetes, Gitlab.

Symantec

Principal Engineer, *July 2018 - Jan 2019*

- Worked with the team on scaling the platform, applications and infrastructure.
- Designed and implemented CI/CD pipelines and deployment policies for newer infrastructure.
- Developed API's to support upcoming global initiatives since aquisition.
- Researched and implemented new proof of concepts to help increase platform scalability and efficiency.

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.

SurfEasy

Full Stack Backend Developer, *May 2015 - Nov 2017*

- Designed, built and maintained highly scalable applications and systems on public cloud and bare metal 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.
- Built mission-critical scalable systems on the platform in Go and Ruby on Rails.
- Re-wrote the existing authentication services in Go for higher scalability and globally distributed availability.

Nightly

Lead Full-Stack Developer, S*ep 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

- Ruby on Rails
- Go Lang
- Docker
- Kubernetes
- Puppet
- HTML&CSS
- Terraform
- React
- React Native
- Swift
- Python

GENERAL SKILLS

- Unix/Linux Environment
- DevOps
- CI/CD pipelines
- Database Design
- Scalable Architecture Design

TECHNICAL 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
- Writing