

FRANZ CHEN

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SUMMARY

Experienced in developing scalable web services and APIs on cloud infrastructure

LANGUAGES, FRAMEWORKS AND TOOLS

Languages	Go, Python, Java, C, Rust, C++, Javascript, Scala, PHP
Tools	Docker, Kubernetes, Apache Spark, Redis, AWS, MySQL, Git, Linux, Bash

EXPERIENCE

Wattpad	May 2016 - August 2016
<i>Associate Engineer - Platform</i>	

- Developed a subscription data storage microservice in Go, designed caching strategies to optimize its throughput, and deployed it on AWS with Docker and Kubernetes
- Overhauled a client event data parsing pipeline written in Scala with Apache Spark which ingested hundreds of GBs of data per day, increasing its speed, resource efficiency, and ease of use
- Maintained a legacy PHP backend monolith by refactoring code for clarity and ease of maintenance

PayTM Labs	September 2016 - December 2016
<i>Data Engineer</i>	

- Created an internal web tool for employee onboarding with Django and MySQL and deployed it on AWS with Docker
- Wrote a service in Python to collect and analyze performance metrics from AWS and bare metal servers

Acquia	January 2016 - April 2016
<i>Java Developer</i>	

- Developed web applications with MVP architecture using Java EE and GWT
- Implemented client state logic using Java, JDBC, MySQL, Hibernate and Liquibase

PROJECTS

One Press - 2nd Place at UofT Hacks 2016
<i>github.com/Dendrimer/Onepressman</i>

- This project was an Android and Pebble application for easing emergency communication by allowing users to text 911 and other contacts preconfigured messages with the push of a button on their Pebble
- Wrote the components for communication between the Android and Pebble apps, as well as the components for texting other mobile phones

EDUCATION

University of Waterloo	June 2019 (expected)
<i>Bachelors of Applied Science in Computer Engineering</i>	

- Courses: Operating Systems, Compilers, Data Structures and Algorithms
- Member of the Water Boys, University of Waterloo's internationally competitive A Capella group