

William Cliffe

32878 135th Place SE, Sultan, WA 

206-909-8100 

will@willcliffe.com 

<https://linkedin.com/in/wcliffe> 

<http://github.com/potentbanana> 

As an experienced software engineer, I enjoy building micro-services, evangelizing the importance of adopting proper architectural design, and building quality, test-driven code with a focus on scalability.

Skills

- Java
- C; C++; C#
- Python; Flask; Tornado; Celery
- JavaScript; React; Angular; nodejs
- PHP; Laravel; Symfony; Silex; Slim
- CSS; Bootstrap 3; Bootstrap 4
- AWS; Google Cloud
- Agile Scrum
- Apache Kafka; Storm; Spark

Experience

JANUARY 2017 – PRESENT

Founder & Lead Architect / MODCRAWL INC, Seattle

As founder and lead architect of MODCRAWL INC., my responsibilities have been to plan out the overall vision of the product, architecture using Apache Storm, Kafka, and built using Java, Scala, and Python. I've also been tasked with building out scalable infrastructure using AWS EC2, AWS ElastiCache redis clusters, Postgresql RDS clusters, and DynamoDB clusters.

APRIL 2017 – OCTOBER 2017

Senior Architect / GEMtouch, Roswell, GA

As senior architect, my duties were to design and implement the micro-services architecture in Java and PHP, as well as develop the third party integrations libraries using MuleSoft. Services were built and deployed in docker containers and utilized RabbitMQ for cross-services communication. These containers were deployed on AWS EC2 instances and I was charged with handling maintenance of EC2, RDS, as well as research into Aurora and handling WAF & Shield components.

APRIL 2015 – JANUARY 2017

Principal Software Engineer / Accretive Technology Group, Seattle, WA

As principal software engineer, my duties were to design and implement micro-services architecture in PHP and Java for a monolithic billing application that was rife with technical debt. I was also part of a core team that utilized Apache Kafka and Apache Storm to redistribute API requests across multiple nodes.

JULY 2011 – AUGUST 2014

Technical Architect / Shoutlet, Inc., Madison, WI

As technical architect, my duties were to design and implement third party API ingestion software that could handle incoming social network data from Twitter, Facebook, LinkedIn, and others for fortune 500 companies such as 3M and American Family Insurance. As part of our technology, we implemented Python-based consumer and producer services in a horizontally scaling architecture to ingest data from APIs and hold them in RabbitMQ queues.

APRIL 2005 – JUNE 2011

Owner / Binary Solo LLC, Seattle, WA

I owned a small consultancy firm that managed multiple website projects for local companies on Vancouver Island, Canada, as well as built a ground-up CMS that was used by 100+ websites. Technologies used included PHP, JavaScript, HTML, and CSS. We were a full stack company providing solutions for services-based architecture through translating PSDs into HTML and CSS websites.