

Sheng CHEN

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OBJECTIVE

Backend and DevOps engineer seeking to solve challenging problems for a company alongside like-minded teammates dedicated to their craft.

SKILLS

- Languages: extensive microservice development in Golang and Node.js, legacy code maintenance in PHP and Node.js, and intermediate proficiency in Java, Python, and Ruby
- Infrastructure: Docker, Terraform, and AWS experience utilizing S3, SQS, SNS, EC2, ECS, Route53, RDS, ElastiCache, and Lambda functions
- Datastore: Schema design and implementation for apps backed by relational database in MySQL and PostgreSQL. Maintenance and development with Redis servers. Familiarity with Elasticsearch
- Agile Processes: experience working in both Kanban and Scrum settings

WORK EXPERIENCE

Current MAR 2019	Senior Software Engineer at CONCORA <ul style="list-style-type: none">• Consolidated excess microservices into one monorepo to better suit the maintainability capacity of a small team of engineers• Drastically improved performance of analytics API with efficient database lookups, lowered the response time by more than 50%• Actively engaged with the product team and delivered multiple features with speed and quality
MAR 2019 JAN 2017	Software Engineer II at CAREERBUILDER <p>Coordinated and trained a team of 7 overseas engineers in China and worked on the following projects:</p> <ul style="list-style-type: none">• Designed and implemented two microservices, one for scheduling jobs using AWS Cloudwatch and one for creating webhooks that enable external integrations triggered from events in CB's Applicant Tracking product• Organized multiple TOI educating the overseas engineers on a variety of topics specific to deployments and microservice architectures• Managed and automated fulfillment of Applicant Tracking integrations with internal and external services, reduced the manual process of the fulfillment team to two button clicks• Modernized CB Applicant Tracking configuration management by moving filesystem config into a microservice backed by Redis. This reduced the pain to deal with custom configuration for fulfillment team, increased security by limiting the server access, and simplified deployment process which used to include caching custom configs
JAN 2017 JUN 2015	Software Engineer I at CAREERBUILDER <ul style="list-style-type: none">• Streamlined the CB Applicant Tracking fulfillment and upgrade process by building a series of new microservices. Transitioned the server based processes into modularized cloud services, with the eventual goal being serverless application and a customer facing self-service admin tool• Replaced a complex, time-consuming, and unreliable deployment process with an automated deployment process written in Go, minimized the risk of having human errors and decreased deployment time by 80%• Focused on DevOps work, supporting the feature team's development efficiency while maintaining high site reliability with 99.9% uptime• Built a Go service that exposes REST API endpoints for a monolithic PHP application, setting the foundation for external integrations• Refined the functional test framework and created an e2e test framework for CB Applicant Tracking and other microservices, doubled the test coverage for the main monolith while achieving 99% coverage for all microservices.

EDUCATION

MAY 2015 Bachelor of Science, Computer Science and Mathematics,
University of Georgia, Athens, GA

LANGUAGES

CHINESE: Native
ENGLISH: Fluent