

Kun Su

669-225-5140 | kunsu.903@gmail.com
San Jose, CA 95132 | www.linkedin.com/in/KunSu903

Highlight & Summary

- Objective: looking for a **Full-time software engineer** starting at 2021
- 9 years of programming experience with a solid understanding of object-oriented programming
- 3 years of experience in industry and full life-cycle development as a full-stack software engineer
- Experienced in developing scalable, reliable and high-volume performing web service and APIs design

Skill Set

- Extensive knowledge of **Java, Golang, RESTful API, MySQL, Python**, JS, HTML, CSS, SQL, Git
- **AWS**: EC2, S3, LB, ECR, RDS, VPC, Cognito, API Gateway, Lambda, CodePipeline, etc
- Tool: **Docker, Redis, Postman, Nginx**, React, AngularJS, Maven, Spring, Kafka, Cassandra, Hadoop
- Knowledge: **Agile, JSON**, Map Reduce, Message Queue, Bootstrap

Experience

Research Assistant & Teaching Assistant

San Jose State University, San Jose, CA, US

Aug 2019 - Present

- Architect and develop a cloud-based autonomous car testing platform with Apollo using **Python**. Fasten testing time from 225 years to 7 days and provided dynamic scenarios sets in simulator.
- Initialize, design, and implement a food bank mobile application applying **Flutter** and **Quarkchain**. Redistribute remained food from food providers to non-profit organizations.
- Manage a team of 4 and provided guidelines in both research and development areas to ensure active communication and work efficiency.

Software Engineer

Laioffer, Santa Clara, CA

May 2018 - June 2019

- Pioneered the development of a cloud-based education learning platform and involved in all stages of implementations from initial design to final stage in production.
- Designed, developed, and deployed over 50 APIs into production using **Golang, Python**. Result in an over 480% increase in user growth, and over 140% increase for daily active users within ten months.
- Configured **AWS API Gateway** to create a unified API layer and created multiple pipelines to support various environments with **AWS services**. Reduced deployment duration from an hour to 8 mins.
- Supervised and guided juniors and interns to perform engineering best practices. Reduced onboarding time from one week to one day and increased team delivery efficiency by 10%-20%.

Software Engineer

Project Hub Inc. San Jose, CA

May 2016 - April 2018

- Led cross-functional teams of 5 to build 8+ websites from concepts to post-launch.
- Developed server-side **RESTful** web services and improved workflow efficiency by 40-50% through data analytics features utilizing **Java** and **JSON**.
- Designed and developed a responsive web page in **PHP/JavaScript, HTML, CSS** on top of popularly open-source third-party platforms such as WordPress, Drupal, and **AngularJS**.
- Managed product scope, task prioritization, and resource allocation based on **Agile development**.
- Constructed dynamic websites using **Maven, Tomcat, Git, Jenkins, Junit, Docker, and AWS**.

Education

M.S., Software Engineering, Specialization in Data Science GPA: 3.7

San Jose State University – San Jose, CA

Expected May 2021

B.S., Computer Science Major GPA: 3.8 Honor List/Dean's List

San Jose State University – San Jose, CA

Dec 2016