

Kenneth Liang

kennethkjiang@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | San Francisco, CA

Experience

Full-Stack Software Engineer Aug 2021 - Nov 2022

Twitter Inc *San Francisco, CA*

- Twitter Service Tech/Health Tools: Enhanced process automation, third-party integration services, Twitter user-face products, and large-scale distributed systems in an agile development environment
- Led design and development of internal administration microservice for Revue using Ruby on Rails, API Gateway, Okta, PaperTrails, ActiveAdmin, and Athena, providing autonomous productivity in support engineering teams
- Strengthened backend security and improved system reliability across evolving products by implementing CI/CD pipelines using Jenkins, automating code deployment processes, writing unit test cases, and ensuring rapid iterations
- Utilized Scala shell scripts and Thrift structs to configure large systems and optimize triage workflows
- Enabled BigQuery the Knowledge Graph Data Pipeline, defining schema, entity relationships, metadata fields, and score functions, resulting in enhanced search recommendations, improved machine learning models, and better user comprehension and analysis
- Revamped Revue's publisher and editor portals by introducing new React UI components and patching frontend services seen by 50k+ users
- Tech Stack: Scala, Ruby on Rails, JavaScript, React, Python, Apache Thrift, SQL

Senior Business Credit Operations Analyst Jul 2017 - Dec 2019

LendingClub *San Francisco, CA*

- Led product management for backend initiatives for detecting fraud and financial exploitations
- Integrated Third-party APIs to analyze Plaid transaction data, reduce delinquency, and improve eligibility
- Conducted in-depth analysis of loan performance data using Oracle Database to identify underperforming finance products and testing the quality of recommended underwriting strategies
- Spearheaded technical efforts as the main point of contact, managing escalated Zendesk tickets, evaluating bugs, designing QA Confluence documents, and implementing solutions with leadership teams and partners
- Led education programs and quickly mentored/upskilled three cohorts

TripShot Android Technician Mar 2016 - Jul 2017

Google *Mountain View, CA*

- Managed tracking software on Google fleet devices, ensuring accurate documentation for troubleshooting, identifying bugs, debugging, and proposing enhancements for inclusion in the product release cycle
- Gathered functional requirements for developing technical specifications

Projects

A* Pathfinder Algorithm | *Python, pygame* 2023

- Simple implementation to find the shortest distance between two nodes using A* Algorithm

Ethereum Blockchain Application | *web3, Solidity, NodeJS, Truffle, Ganache, MetaMask, Mocha, Chai* 2021

- Ethereum todo list powered by smart contracts

SeatCheck | *React, Redux, JavaScript, PostgreSQL, Ruby on Rails, MongoDB, AJAX, S3, JSON* 2020

- full-stack web application construction with an OpenTable-inspired UX/UI

Technical Skills

Programming Languages: Python, Scala, JavaScript, Ruby, Rails, TypeScript, GoLang, C++, Java, SQL, HTML, CSS

Technologies: React, NodeJS, MySQL, NoSQL, Flask, Django, GraphQL, jQuery, Express, Webpack, Tableau, CRM

DevOps & Cloud: CI/CD, Jenkins, AWS, Kubernetes, Docker, Google Cloud Platform

Tools: Git/GitHub, Jira, VS Code, IntelliJ IDEA, Zendesk

Education

App Academy San Francisco, CA

Full-stack software engineering boot camp - Web Development and Computer Science 2020

San Jose State University San Jose, CA

Bachelor of Science - Business Analytics 2016