Tim Park

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SUMMARY

Profile	Software developer with 1 year of Full-Stack experience in the Finance industry.
Languages	Python, GoLang, JavaScript, TypeScript
Other	AWS, Django, React.js, Node.js, Flask, Git, SQL, NoSQL, HTML/CSS, OAuth, CI/CD
Concepts	Object-Oriented Programming, Data Structures & Algorithms, Microservices, REST API

EXPERIENCE

Accountant (Software Developer), Santa Barbara Auditor-Controller's Office   Aug 2017 – Present
- Developed a Django app to automate the monthly processing of $225 million in sales tax revenue.
- Streamlined the FEMA labor cost claiming process (over $4 million total) from 1 day to 10 min.
- Built a Django app that improved Special District audit and budget compliance by over 20%.
- Created an AWS service that reduced the delay in deposit notification from 2 days to 30 min.

Open Source Contributor, Django   Jun 2020 – Present
- Implemented a new feature, fixed bugs, wrote documentation, and improved test coverage.
- Participated in pull request reviews and collaborated with other developers to resolve tickets.

PROJECTS

Sales Tax App, Santa Barbara Auditor-Controller's Office   Nov 2019 – Present
- Used Django to automate 25 hours of monthly workload to < 15 min and reduce the error rate by 99%.
- Fetches external deposit CSV files, parses the response, and builds accounting transaction XMLs.
- Owned all phases of delivery from stakeholder buy-in and system design to coding and debugging.

Inventory App, SneakrFlip.com   Mar 2020 – Present
- Built an inventory app using GoLang/React for reselling sneakers and other limited edition items.
- Implemented user authentication with OAuth bearer tokens and integrated Google social login.
- Deployed the backend/frontend on AWS EC2/S3 and implemented CI/CD with AWS Code Pipeline.

Finance News Service, Github.com/timpark0807   Feb 2020 – Present
- Built a Twitter microservice using Node.js to send users daily tweets with finance news articles.
- Deployed using AWS serverless architecture with Lambda, DynamoDB, SQS, and CloudWatch Events.
- Built a Chrome Extension in React, Reddit bot in Python, and GUI in Java with similar functionality.

Real Estate App, Reinvestify.com   May 2019 – Present
- Built a full-stack Flask app that generates reports on the profitability of real estate investments.
- Deployed the app on AWS, implemented a mortgage calculator, and introduced caching using Redis.

EDUCATION

Bachelors in Economics, University of California, Santa Barbara   Jun 2017
AWS Certified Developer Associate, Amazon Web Services, Cert #: ZGL37F0KMMF1QG5S   May 2020