

LinkedIn: [linkedin.com/in/sam-rez](https://www.linkedin.com/in/sam-rez)

Website: sam-rez.github.io

LeetCode: leetcode.com/track400

>TECHNICAL SKILLS

- Java, C#, Spring Boot, .NET, Flask, MySQL, MS-SQL, Linux, Docker, Git

>PROFESSIONAL EXPERIENCE

Walmart Global Tech | Senior Software Engineer | Sunnyvale, CA

Aug 2024 - Present

- Led the integration of TikTok ad support across Creative Platform and Creative API, enabling ingestion, validation, and rendering of TikTok-specific ad formats and metadata.
- Architected and deployed a Subscribe feature within the Creative API, enabling advertisers to programmatically apply "subscribe and save" defaults; coordinated cross-functional validation logic with Inventory teams to ensure 100% subscribe eligibility accuracy.
- Engineered Image Compositing capabilities in the Creative API, achieving full UI parity and enabling dynamic, multi-layer image and text ad rendering at scale for enterprise advertisers (including Nintendo); mentored junior engineers through API design and rollout.
- Integrated our platform's notification system with a centralized AdTech notification center, improving cross-application communication and delivering a more consistent user experience.
- Modernized our backend to Java 21 and Spring Boot 3, enhancing performance, security, and compatibility with modern frameworks, while ensuring a smooth transition with minimal downtime.

KeepOnCoding.io | Senior Software Engineer | San Francisco, CA (remote)

Jun 2022 - Jun 2024

- Architected a Python/Flask RESTful backend with 30+ endpoints and an SQLAlchemy ORM layer to query MySQL Database of over 100 algorithm questions.
- Engineered an in-house Remote Code Execution (RCE) service using Python and Docker to securely execute and validate user-submitted code against unit tests for 50+ technical problems.
- Migrated entire application to Linode Cloud running on nginx with DNS/SSL support, ensuring 99.99% uptime.
- Integrated Stripe API to architect a full-lifecycle subscription system, managing secure payment processing and automated membership management for premium users.

Berkshire Hathaway Homestate Companies | Software Engineer 2 | San Francisco, CA

Jun 2019 - Jun 2022

- Updated 3 existing microservices to automate and modernize manual process of importing payments into our system using C# and .NET Core, saving DBAs 10+ hours per month.
- Automated high-volume financial approvals by developing complex SQL stored procedures, eliminating 5+ hours of weekly manual effort for Claims Professionals handling \$0 payment reconciliations.

Western Digital Corporation | Senior Software Engineer | Irvine, CA

Aug 2017 - Dec 2018

- Rebuilt company's firmware testing environment, redesigning testing architecture to enable communication with test systems via 1 web service using C# and .NET, minimizing codebase by over 50%.
- Delivered internal customer technical support directory to improve locating points of contact for specific customers utilizing JavaScript, Vue.js, Vuetify.js, C#, and MS SQL, migrating 300+ contacts from Excel.

Amazon Web Services | Software Engineer, Intern | Portland, OR

Jun 2016 - Sep 2016

>EDUCATION

Master of Science in Computer Science, California Polytechnic State University, San Luis Obispo

Jun 2017

Bachelor of Arts in International Studies, University of California, Irvine

Jun 2011

>Content Creator

YouTube Channel: Keep On Coding | Content Creator

2019 - 2024

Launched YouTube channel targeted towards software engineers looking to learn more about the interview process and level up in their career -- have grown the channel to 320,000+ subscribers and 30 million+ views.

>AWARDS

LeetCode 100 Days Badge 2023

2023

Graduated Master's program with Honors (3.81 GPA)

2017