Omri Gabay

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Ambitious technologist with four years of experience spanning DevOps, back-end, and front-end development using diverse technologies. Voracious learner with interest in programming languages, compilers, distributed systems, architecture patterns, and developer productivity. Effective communicator with strong interpersonal skills and ability to develop meaningful relationships with peers.

EXPERIENCE

PennyMac Loan Services - Westlake Village, CA   July 2018 - January 2023
PennyMac is a full service mortgage bank and a top 5 lender in the US, with billions of dollars in mortgages serviced.
DevOps Engineer (Dec 2021 - January 2023)
Recruited internally to transition to a DevOps role embedded with a development team supporting the Capital Markets business line.

- Deliver Infrastructure-as-Code via CloudFormation and ensure consistent deployments across several Ruby on Rails systems to significantly reduce manual tasks and increase team productivity.
- Contributed to implementation of cost-saving initiatives and compiled and implemented rules to deactivate & downsize unused AWS resources, leading to more than $55K in annual savings.
- Maintain and update Chef cookbooks used for AMI creation.
- Constructed useful GitLab CI and Automation pipelines to boost developer productivity and ensure quality linting and testing standards are met for each line of code shipped to production.
- Co-authored runbooks for Rails apps covering architecture, deployment, and monitoring standards in coordination with development teams.
- Built a data pipeline using Lambda, EventBridge, SQS etc. and implemented SonarQube code scanning.

Application Developer (Oct 2018 - May 2021)
Converted to FTE role after completing internship with responsibility for building and maintaining multiple Rails apps that support different business functions.

- Architected, tested, and augmented cloud-based Ruby on Rails applications for the Capital Markets business segment, including their pricing and trading engines.
- Contributed to development of PennyMac's open source tools that include the Marty framework, the Delorean scripting language, and the McFly database table versioning tool.
- Optimized and documented the external trading API used to move $800M in loans traded and sold in production every day.
- Designed and owned a React-based UI used by correspondents for pricing and trading that saved up to 1200 work hours per year.
- Built pipelines for data retrieval and exchange with industry partners using Azure Functions, SOAP and REST service integrations, leading to dozens of work hours saved per week in trading time, while providing bidirectional pricing data at twice the velocity and veracity.

Mobile Application Developer (Intern) (July 2018 - Oct 2018)

- Created web popups and prompts using React Native to improve conversion for 50k+ customers on the mobile servicing app.
- Architected an automated end-to-end testing solution using BrowserStack, Jest, and Appium to reduce UI and acceptance testing time 50%+ for each release.

SKILLS

Ruby on Rails, JavaScript, Python, HTML/CSS, PostgreSQL, AWS, Docker, Node.js, React, TDD, BDD, DevOps, CI/CD

EDUCATION

BS, Computer Science, University of California, Irvine - Irvine, CA (2018)
- Alpha Epsilon Pi member, Women in Computer Science mentor

AFFILIATIONS
- **Founder**, Chabad at Pierce (2015 - present) Founded and continue to support efforts of Chabad at Pierce College in Los Angeles.
- **Mentor and Volunteer**, Hacker Fund (2014 - present) Hacker Fund is a nonprofit that recruits mentors for hackathons and other ventures/opportunities in tech.

PROJECTS
- **Open Source Contributor**, various projects (2018 - present) Contributed to Rails, VS Code Material Icon Theme, DALL-E Playground, and VS Code ElixirLS.
- Social Engineer Firewall Built a web application that used the Houndify API to analyze speech and detect possible instances of social-engineering, which was runner-up for the SoundHound Prize at TreeHacks 2018.