Jessica Miller

San Francisco, CA, USA (Remote)

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Education

University of California, Berkeley

Bachelor of Science in Electrical Engineering and Computer Sciences (EECS)

Aug 2013 – May 2017 | Berkeley, CA, USA

Work Experience

Senior Software Engineer | GitHub | Jun 2020 - Present | Remote (Previously San Francisco, CA)

- Led development of key features for GitHub Actions backend using Ruby on Rails and Go.
- Scaled background job processing infrastructure using Sidekiq and Redis, improving throughput by 50%.
- Mentored mid-level and junior engineers, conducted code reviews, and contributed to architectural decisions.
- Migrated legacy services to containerized deployments on AWS (ECS).

Software Engineer | Heroku | Jul 2017 - May 2020 | San Francisco, CA, USA

- Developed platform features using Ruby on Rails and PostgreSQL.
- Contributed to API design and implementation.
- Participated in on-call rotation and incident management.

Skills

Programming: Ruby, Go, SQL, JavaScript (Basic)

Frameworks: Ruby on Rails, Sidekiq

Databases: PostgreSQL, MySQL, Redis

Cloud Platforms: AWS (ECS, S3, RDS, EC2)

DevOps Tools: Docker, Kubernetes (Basic), CI/CD (GitHub Actions, Jenkins)

Testing: RSpec, Minitest

Methodologies: Agile (Kanban), TDD, Microservices, RESTful APIs

Other Skills: System Design, Scalability, Mentoring

Certificates

None specified

Awards

GitHub Innovation Award (Team) 2022