David Kurutz

Software Engineer
davidkurutz@gmail.com   567 Flushing Ave #307, Brooklyn NY, 11206
website | github

Profile

I am a software engineer with 10 years experience in systems administration, troubleshooting, and project management. Most recently I co-authored Xorro-P2P, a Kademlia DHT backed P2P file sharing application built from scratch in Ruby.

Experience

XORRO P2P - CO AUTHOR – 2017-PRESENT (HTTPS://XORRO-P2P.GITHUB.IO)

- Co-authored and deployed a BitTorrent-Like P2P file sharing application featuring:

  - Complete implementation of a Kademlia distributed hash table in Ruby.

  - File sharding, retrieval from multiple sources, and shard re-assembly.

  - Web UI for local administration, and RPC/HTTP endpoint built with Sinatra.

- Managed and scaled team's development process from local/test environment to a multi-node P2P network in Google Cloud.

SENIOR ENGINEER + JUNIOR PARTNER - MAC-TECH – 2008-2017

- Developed tools for automation of internal and client facing processes, including a custom API client/CLI application for generation of billing reports from our internally hosted SAAS backup platform. This tool helped to identify and recover ~2K/month in lost revenue.

- Mentored team of junior techs in delivering infrastructure deployment projects and IT services to our global client base.

Skills

Ruby, Rails, Javascript, jQuery, Node.js, Backbone.js, SQL, HTML, CSS, AWS, Linux, Git

Though I have experience leading teams and mentoring colleagues, I'm also very comfortable working as a team member and taking instruction.

Education

California State University at Fullerton — Bachelors of Music, 2002