

Kash Nouroozi

Solutions Developer

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Summary

Proven lead developer with a track record of delivering scalable business solutions from scratch.

Adaptive innovator that provides value across changing business requirements.

Empathetic problem-solver that loves to learn and help others.

Experienced and productive in



Ruby



Python



Rails



MongoDB



Elixir



JS (ES2015)



Redis



PostgreSQL

Education

University of Waterloo

Candidate for BAsC in Systems

Design Engineering, 2023

Bitmaker Labs

Youngest graduate of 9-week

Full-stack Rails Bootcamp, 2014

Familiarity with



Go



C++



Clojure



React

Experience Intermediate Solutions Developer

August 2016–Present @ #paid inc.

Defined, coached, pair-programmed, and supported developers in the delivery of features and small projects for 1–4 hours a day to remove roadblocks and increase the throughput of our team.

Principal architect for the development of infrastructure to crawl social networks. Enabled #paid to:

+ Provide campaign performance reports and analytics to customers. (previously: no analytics)

+ Create an onboarding funnel with 10,000+ potential influencers. (previously: 150 influencers)

Interim head of the developer team for 6 months in the absence of a CTO. Communicated technical considerations to the VP of Design & VP of Product, allowing informed product roadmap decisions.

Primary point of contact for product support. Fixed critical bugs under time constraints. Provided our accounts team with empathetic dev-enabled problem solving to get the job done in stressful circumstances.

Rearchitected #paid's collaboration system to enable the execution of campaigns with:

+ Video, photo, story, boomerang, carousel, text content (previously: photo)

+ On Instagram, YouTube, Facebook, and Twitter (previously: Instagram)

Side Hustle Cryptocurrency Experimentation

Developing a model for efficient portfolio asset allocation. The original algorithm would compute a massive matrix, then filter. Redesigned to a mergesort-like algorithm. Profiled and refactored to reduce allocations.

Developed a data mining application to store order book data across a number of exchanges and trading pairs.

Collected 8 months of data at a resolution of 1 minute across multiple exchanges and 15 trading pairs.

Designed, assessed risk, prototyped, and validated a process for cryptocurrency exchange arbitrage in 2018Q1.

Open Source

CSV.js

A simple, blazing-fast CSV parser and encoder.

★ 1,450 GitHub stars, 6,341 weekly downloads

npmjs.com/package/comma-separated-values

towel

Keep calm and use this monad library for Elixir

★ 54 GitHub stars, 35,356 all-time downloads

hex.pm/packages/towel