Max Kurapov

Software engineer with 2+ years of startup experience, currently working in the fin-tech sector.

maxkurapov@gmail.com
https://linkedin.com/in/mkurapov
https://github.com/mkurapov
https://maxs.space

EXPERIENCE

Software Engineer - Neo Financial

Mar 2020 - Present (Calgary, AB)

- Designed and developed notification service for mobile banking application (NodeJS)
  - Event based (SQS/SNS) email, push, SMS messaging with delay & scheduling functionality
- Worked on live transaction processing (NodeJS, GraphQL)
  - Parsed ISO 8583 messages, added scalability improvements for transaction settlements, refactored bank ledger logic, worked on fraud service integration
- Created MongoDB migration tool to transfer data out of production into different environments (with masking of personally identifiable information)
- Created NodeJS library for querying MongoDB collections through GraphQL via cursor-based pagination (used across various microservices)

Software Engineer - Rallyteam/Workday

Jan 2018 - Aug 2018 (Vancouver, BC)

- Lead refactoring efforts for the entire front-end codebase (from AngularJS to Angular 5)
- Lead full stack development of user-facing features:
  - In-app analytics dashboard, integrations for scalability & usability (in C#, AngularJS, MS SQL)
- **Rallyteam** acquired by **Workday** in June 2018

Software Engineering Intern - Rallyteam

May 2017 - Jan 2018 (Vancouver, BC)

- Harvested data for Rallyteam's machine learning pipeline
- Researched data visualization approaches to present large network graphs in Python
- Coordinated with QA and Client Success teams when acting as Maintenance Lead

Developer Intern - Critical Mass

May 2016 - Sep 2016 (Calgary, AB)

- Collaborated with UX & Design teams to develop web/mobile experiences and digital installations

Developer & Designer - Freelance

Dec 2015 - Jan 2020 (Calgary, AB)

- Created responsive web experiences for a variety of clients

SKILLS

NodeJS (JavaScript/TypeScript)
ReactJS, Angular
GraphQL
MongoDB
MS SQL, PostgreSQL
AWS (SQS/SNS, S3)
Unit Testing, TDD
CI/CD
Microservice Architecture
API Design
UX/UI Design
Figma, Sketch

EDUCATION

BSc. Computer Science (Concentration in Human-Computer Interaction)

University of Calgary

2014 - 2020

Dean's List 2018 - 2019

ACCOMPLISHMENTS

Feb 2020: Created a web app in NodeJS, ReactJS, SocketIO for listening to Spotify music real-time, in-sync with your friends

Sep 2019 - Jan 2020: Completed an exchange semester in Leiden, Netherlands

Jul - Aug 2019: Attended the world's leading entrepreneurship program, where I led and designed 4Birds

Mar 2019: Wrote a winning op-ed article on social media for a University contest

Feb 2019: Won Facebook's prize at HackNYU for designing and co-developing a therapeutic journaling application