Mihai Listov

https://www.mihailistov.ca

Email : mihailistov@gmail.com
Mobile : +1-416-825-3142

EDUCATION

- **University of Waterloo** — Waterloo, CA
  Bachelors of Applied Science, Mechatronics, Robotics, and Automation Engineering — *Class of 2018*

PROGRAMMING SKILLS

- **Languages**: Javascript, Python, SQL, Java, Go, Typescript **Technologies**: React, Node, Express, SQL, AWS

EXPERIENCE

- **Plastiq** — San Francisco, USA (Remote)
  Software Engineer — *Mar 2020 - Present*
  - **Internal Tooling**: Led architecture and best practices implementation for the frontend React-app, built for risk, financial operations, and customer-service use. Helped reduce friction and provide a powerful backend dashboard. Used technologies such as React, NodeJS, ExpressJS, MySQL.
  - **Guest Checkout**: Lead spikes, designed and implemented guest checkout system. Worked on PostgreSQL DB migrations, React routing changes, authentication, and logic changes to support user flow.
  - **Enablement**: Customer billing using statically generated, SEO-optimized landing pages for their business, allowing payment requests, customer invoicing thus facilitating B2C transactions. Introduced 15.3k new users into Plastiq, $25M fulfilled payment requests. Resulting in $20M additonal monthly volume, and 800 monthly active users.
  - **Big data**: Data visualization of money-in and money-out, bank accounts, balances, historical & upcoming payments, overdue payments. Increased customer engagement with 40k users. Leveraged multiple micro-services and implemented a performance-optimal solution using big data tools such as Snowflake Data Warehouse.
  - **Open API**: Third-party API meeting OAI 3.0 requirements, built using Swagger. A white-label payment solution for partners including Brex, Payground, Billfire. Utilized webhook dispatching, allowing partner's to subscribe to payment updates. Brought in more than $10M in successful payments via Plastiq. Used technologies such as React, Typescript, Node, Express, AMQ messaging.
  - **React Components**: A library of re-useable components for use anywhere in the Plastiq ecosystem, increasing developer productivity and reducing code redundancy company-wide. Used Typescript, Storybook.

- **Commit** — Vancouver, CA (Remote)
  Engineering Partner — *Jan 2019 - Mar 2020*
  - **Northstar**: Security Token Offering (STO) platform, digital representations of physical assets (including financial). Audited entity facing regulators. Helped build custom form builder, and full KYC/KYB flow to meet legal requirements.
  - **LO3 Energy**: Platform to help optimize clean energy outcomes for suppliers, developers, and their customers. Issued a blockchain token using EOS.IO, built a marketplace webapp to facilitate buying and selling of data on an exchange.
  - **Polkadot**: Blockchain technology used to empower cross-chain communication. Worked on telemetry, real-time data visualization for chain transactions.
  - **Eventchain**: Event ticketing system based on blockchain technology. Migrated monolith into microservices.
  - **Planworth**: Financial planning tool designed for advisors. Helped develop customer profile flow.

- **Hootsuite** — Vancouver, CA
  iOS Engineer — *April 2017 - Sep 2017*
  - **Paywall**: Helped design pay flow and implement new user pay wall for iOS devices.
  - **Code Migration**: Worked on migrating codebase from Objective-C implementations to modern Swift codebase.

PROJECTS

- **Lift**: Android app with a focus on simplicity in design and user experience while catering to the needs of both beginners and experts in fitness.
- **Lotus Creative**: Freelancing helping small businesses get up and running with fast & efficient solutions. Working with technology such as Shopify, Wordpress, GatsbyJS, and React.