Mihai Listov

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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 **Technologies**: Node, React, Angular, Mongo, Postgres, AWS

EXPERIENCE

- **Plastiq** San Francisco, USA (Remote)
  Software Engineer *Mar 2020 - Present*
  - **Phoenix**: 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 database redesign, app restructuring, authentication changes, and backend and frontend UI to support the new user flow.
  - **Accept**: Entirely new flow for billers, allowing them to create an SEO-optimized landing page for their business, invoice their customers and facilitate B2C transactions. Introduced 15.3k new users into Plastiq ecosystem via this new flow, $25M fulfilled payment requests. Resulting in $20M average monthly volume, and 800 monthly active billers.
  - **Dashboard**: All-in-one dashboard for the end-user, visualizing money-in and money-out, bank accounts, balances, historical & upcoming payments, overdue payments, etc. to increase engagement with almost 40k users. Leveraged multiple micro-services and implemented a performance-optimal solution using vast amounts of historical data. Tools included Snowflake Data Warehouse.
  - **Connect**: A solution for integrating a white-label payment flow into partner's experience. Partners included Brex, Payground, Billfire. Used a webhook dispatcher service, 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 (Co-op Internship) *May 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.
- **Rubiklarm**: Solve a Rubik's cube to turn off your morning alarm. Uses OpenCV with blob detection, simply point the camera at the solved sides of Rubik's cube until you get a green, in-focus square, repeat for each side until your alarm turns off.