# 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, Ruby on Rails, SQL, Java, Go, Typescript
- **Tech**: Node, Express, React, GraphQL, Redux, Postgres, Mongo, Angular, Gitlab CI/CD, CircleCI, Docker, AWS

## EXPERIENCE

- **Plastiq** — San Francisco, USA (Remote)
  *Software Engineer* — *Mar 2020 - Present*
  - **Internal Tooling**: Lead frontend architect and developer of the internal dashboard React app. Collaborated across departments: risk, financial operations, and customer-service. Influenced engineering best practices across teams and organization for frontend app development. Used technologies such as React, Node, Express, MySQL.
  - **Payment Flow Optimization**: Researched, documented, architected and implemented guest checkout system. Worked on database migrations, React routing changes, authentication, and logic changes to support user flow.
  - **B2C Enablement**: Customer billing via statically generated, SEO-optimized landing pages leveraging server-side rendering technology. Enabling payment requests, and customer invoicing facilitating B2C transactions. Introduced 15.3k new users, $25M fulfilled payment requests, $20M additonal monthly volume, and 800 new MAUs.
  - **User Engagement**: Increased engagement with 40k users via all-in-one dashboard visualizing cash flow. Leveraged multiple micro-services and implemented a performance-optimal solution using big data tools such as Snowflake Data Warehouse.
  - **Open API**: Collaborated on a white-label payment solution for partners including Brex, Payground, and Billfire that meets OAI 3.0 requirements, built using Swagger. Utilized webhook dispatching, allowing partner's to subscribe to payment updates. $10M in successful payments via Plastiq. Used technologies such as React, Typescript, Node, Express, AMQ messaging.
  - **Developer Experience**: Collaborated on a library of re-useable React components using Typescript and Storybook, reducing code redundancy across teams. Contributed to developer tools facilitating developer workflow, using Ansible, PM2, HAProxy, Docker.

- **Commit** — Vancouver, CA (Remote)
  *Engineering Partner* — *Jan 2019 - Mar 2020*
  - **Northstar**: Security Token Offering platform using digital representations of physical assets. Audited entity facing regulators. Collaborated on a 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 using React, GraphQL, and Redux to facilitate buying and selling of data on an exchange.
  - **Polkadot**: Web 3.0 blockchain technology used to empower cross-chain communication. Worked on React dashboard for telemetry, real-time data visualization for cross-chain transactions.
  - **Eventchain**: Event ticketing system based on Ethereum & Solidity blockchain technology. Developed using Angular, collaborated on migration from monolith architecture into dockerized Node microservices.
  - **Planworth**: Financial planning tool designed for advisors. Collaborated on customer flows using React and GraphQL.

- **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.