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, TypeScript, Python, Java, C# (.NET Core), Go, Swift, Objective-C
- **Tech**: React, Node, Express, Postgres, Jest, Cypress, CircleCI, Redis, Git CI/CD, Docker, AWS, Kubernetes

EXPERIENCE

- **Quartech** — Burnaby, CA (Remote)
  Software Engineer Consultant — *Aug 2023 - Present*
  - **News Aggregation**: Pub/sub app & services using React, TypeScript, .NET Core, Kafka, OpenShift/Kubernetes. Analyzed & optimized React app performance, loading times, and eliminated redundant API calls and server load, increasing performance and reducing load by as much as 1000%.
  - **Forms & Tooling**: Built library & tooling designed to integrate Microsoft ecosystem, using modern web components & designed for reusability leveraging React, Lit, Storybook, Cypress, Jest, jQuery

- **Superpanel** — Vancouver, CA (Remote)
  Software Engineer — *Apr 2023 - Aug 2023*
  - **AI Tooling**: Built with React, OpenAI, and data aggregation service using Python, Django, Chroma (vector DB)
  - **Collaborative App**: React, TypeScript, Slate/Yjs, Node.js. Integrated with Zoom, Salesforce, Gong, Chorus.

- **Plastiq** — San Francisco, USA (Remote)
  Software Engineer — *Mar 2020 - Apr 2023*
  - **Payment Processing**: Lead frontend engineer for internal tooling & 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, Cypress, Jest, Gitlab CI/CD. Performance tested app and optimized load times via code splitting and lazy loading.
  - **Payment & B2C Enablement**: Guest checkout & 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.
  - **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, Jest, AMQ messaging.
  - **Improved DX**: Collaborated on a library of re-useable React components using Typescript, Cypress, CircleCI, 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. Unit testing using Jest and integratration testing using Cypress.
  - **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. Leveraged React and D3.js for graphs and data visualizations.
  - **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. Unit testing using Jest and UI integration testing using Cypress.