

Armin Taheri

Full-Stack Software Engineer

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Montreal, QC, Canada

Web: eigenfunctor.io

Email: armin@eigenfunctor.io

Github: github.com/eigenfunctor

— Skills

HTML5, CSS3/SCSS, Typescript, ReactJS, Apollo GraphQL, node.js, PouchDB/CouchDB, gRPC, Docker, Kubernetes/Istio/Helm, AWS, GCP, Terraform, Redux, Selenium, Jest/Mocha, async python 3, git, GitHub, ReactNative, R, godot, C++, CMake, Scala, Java, Clojure, ClojureScript, Haskell, Nix, Redis, MongoDB, SQL (PostgreSQL).

— Experience

eigenfunctor.io / Full-Stack Consulting Web Developer

2023 - present, Montreal

- Migrate frontend next.js app to auth.js based token authentication.
- Migrate nginx configuration from HTTP1 to HTTP3 QUIC for low cost speed boost.

Zola / Frontend Web Developer

2020 - 2023, Montreal

- Maintain and build new features in multiple large react and next.js codebases.
- Implement new Node.js based service layer endpoints that interact with several product backend services.
- Upgrade many existing dependencies in the frontend to take advantage of new features (PayPal pay later, react-redux hooks)
- Offered much expertise from my full-stack experience to help bring great speed boosts in image processing backend services via parallel asynchronous task queue.

eigenfunctor.io / Full-Stack Consulting Web Developer

2019 - present, Montreal

- Well-structured isomorphic Typescript based Next.js and GraphQL applications.
- PouchDB/CouchDB for synchronized offline-capable state management on client and server. Full-text search capabilities on filtered replicas.
- Easy to deploy containerized internal gRPC APIs with request level HTTP/2 load balancing on Istio service mesh.
- Secure and provision Kubernetes using Istio service mesh and Helm.

Montreal Neurological Institute / Front End and Visualization Developer

2017 - 2019, Montreal

- Front end development in ReactJS, Redux with a small, agile team.
- Backend development in Ruby on Rails and PHP.
- High-performance server agnostic WebGL graphics programming on large medical imaging datasets that integrate into any existing web platform.
- Actively mentored and lectured for junior developers for advanced front end development practices.
- Demo mcin-armintaheri-archive.github.io/modfile-viewer

Plotly / Front End Developer, Summer Internship

2016 - 2017, Montreal

- Work with at least 30 employees at a time.
- Heavily used Github.
 - Code reviews are given and received by summer interns.
 - CircleCI Continuous integration
- Praised for finding very deep and critical bugs and for fast learning rate given initial experience.
- Used JavaScript, ReactJS, Enzyme tests with Jest and Mocha. Selenium acceptance tests in python.

— Education

McGill University / B.Sc. Software Engineering, *Minor Mathematics*

September 2013 - May 2017, Montreal

- Majored in Software Engineering, Bachelor of Science.
- Learned Java, C, Ocaml from the curriculum.
- Minored in Mathematics, geared towards Statistics and Numerical Analysis.
- Math minor classes heavily used Matlab and R.