

# Michael Bitokhov

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## Full Stack Developer

I'm a full stack developer specialized mostly in using front-end engineering libraries. Across my career, I consulted for top fortune 500 companies. I've worked with almost anything, whether UI only applications to fully fledged 500,000 loc applications. I've worked with both monolithic and microservice architectures

TypeScript | JavaScript | ES6 | React.JS | VueJS | NodeJS | Babel | Webpack  
| Python | Bash | MySQL | Git | Docker | Ansible | DevOps

## Experience

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### Lab49 — Web UI Developer

May 2019 to now

Consulting for top multinational financial service companies, creating high performance, highly responsive webapps to meet client expectations. Working alongside top developers in fast paced agile projects

- Led UI development of a 2 year long project for realtime data aggregations
- Optimized updates to the DOM to allow for 20 updates a second for >10 charts and grids
- Wrote backend infrastructure allowing for 20 realtime updates per client for 20-100 clients per chart/grid
- Improved relations with the client, giving Lab49 access to more contracts both within the clients and extending our current contracts

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### AppliancesConnection (1StopCamera) — Fullstack Developer

August 2017 to April 2019

Project lead of an internal project that's being used to replace legacy systems. Responsible for DevOps like upgrading infrastructure and monitoring performance. Also responsible for backend developer tasks like adding features and maintaining compatibility with legacy systems

- Started progress towards a continuous integration framework, with unit testing and merge checks
- Decreased page latency by 200ms, Solr response time by 500ms, Solr updating by 10 times, and page score by 30 points
- Trained several junior developers as well as advised peers on backend architecture and code patterns
- Resolved a 10 hour long DoS attack and subsequently hardened 5 servers using IPTables and static analysis checks
- Identified a security bug within the Laravel framework that allowed for a complete table dump while auditing Laravel's DBAL (commits: 3368494, e5042e1, 33739f9)

## Certificates

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[TripleByte Javascript Certificate](#) | [TripleByte Front End Certificate](#)  
| [TripleByte Generalist Certificate](#)