

# Alexandre Smirnov

## Full Stack Software Engineer

### EXPERIENCE

#### Lyft, Level 5 (acquired by Woven Planet) — Full Stack Engineer

OCTOBER 2019 - PRESENT | Palo Alto, CA

- Developed ingestion pipeline for AV data to reach our data warehouse in < 1 minute.
- Reworked several services to reduce infrastructure costs by 21% in 2021.
- Tech lead in design and development of in-house data visualization tool, reaching 58% of target audience within a year of launch.
- Lead development and maintained key service connecting vehicle data to subscriber microservices downstream.
- First to migrate key services during acquisition by Woven Planet, documented and improved experience for future developers.

#### Altair IoT — QA and Front-End Development Intern

JUNE 2018 - SEPTEMBER 2018 | Oakland, CA

- Responsible for maintaining the QA suite with ~500 separate tests for an API server and its front-end React.js dashboard.
- Expanded test coverage of product by 18%.
- Contributed bug-fixes and collaborated with the team to brainstorm improvements for the product.

#### Verdigris — Full Stack Web Developer (contract)

FEBRUARY 2018 - MARCH 2018 | Remote

- Fully responsible for creating a dashboard using Ember.js and d3.js to visualize smart building data from mock-ups to a functional, responsive web page within a 1 month hard deadline.
- Obtained experience working in a collaborative, fast-paced environment alongside the CEO, product manager, and UX designer.

#### Self-employed — Freelance Web Developer

MAY 2011 - SEPTEMBER 2015 | Remote

- Full-stack developer and designer for numerous private clients, since age 15.
- Gained years of experience working with the latest front-end web technologies such as HTML5 and CSS3, back-end technologies such as WordPress and Node.js, and web server management.

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### INTRO

I am a full stack software engineer with many years of full-time experience and more than 10 years of contracts, personal projects, and experience in the field. I have worked with many different technologies across the whole stack, from React / Node JS front end apps to Java and Python-based streaming microservices. I bring a broad range of technologies and expertise to my work as a full stack engineer.

In my free time, I enjoy traveling, reading, and teaching myself languages. I have reached varying degrees of fluency in 11 different languages, and continue to expand the list.

### EDUCATION

#### University of California, Santa Cruz — Computer Science, B.S.

SEPTEMBER 2015 - JUNE 2019

### SKILLS

JavaScript | ES6 | TypeScript | Java | Python | C++ | React.js | Node.js | Redux | MobX | Git | AWS | Kafka | jQuery | Vue.js | SQL | REST | Bootstrap | GCP | BigQuery | gRPC | Protobuf | Buildkite | Spinnaker | Kubernetes

### LANGUAGES

English, Russian, Spanish, French, German, Swedish, Japanese, Mandarin, Korean, Hebrew, Czech