# Aleksey Smolenchuk

*San Francisco* ✦ 412-680-8233 ✦ lxe@lxe.co ✦ github.com/lxe ✦ linkedin.com/in/alekseysmolenchuk

Experienced staff engineer with expertise in shipping high quality large-scale software in complex high-QPS, high-reliability microservice environments

Deep expertise with Node.JS, JavaScript, TypeScript, React, GraphQL, HTML, CSS, Linux/Unix Shell, Linux Servers, Kubernetes, DevOps, CI/CD, scaling and operating microservices at all layers of the stack, as well as product engineering and UI/UX

Experience with ML, LLMs, Data Engineering; good grasp of Python, Go, Postgres, C, Embedded Development, Microcontrollers, and Electronics

## Experience

### Opendoor
*Staff Software Engineer*                                                                                         2019 - Present
- Lead development of a complex internal geospatial application at operational critical-path
- Scaled and maintained a vital GraphQL gateway service responsible for serving the majority of service traffic at 99.99% reliability
- Integrated CI/CD automation processes using Concourse, CircleCI, and Github Actions, cutting deployment time by 50-90%
- Developed engineering platform standards, templates, and other engineering excellence initiatives for frontend engineers

### Uber
*Senior Software Engineer II / Engineering Manager*                                                              2014 - 2019
- Technical lead on geospatial operations, diagnostics and data visualization web apps. Developed shared components, frameworks, and tools for Uber to effectively operate, diagnose, and gain insights into the business
- Frontline EM / TLM for a team delivering a developer productivity processes and systems
- Technical lead in developing internal frontend frameworks that power hundreds of web apps

### Branding Brand
*Senior Software Engineer*                                                                                        2012 - 2014
- Architect lead on mobile e-commerce websites, platforms, and apps powering world leading retailers.
- Designed internal tools and frameworks for schema validation, analytics, error tracing/tracking, and performance auditing

### Ansaldo STS                                                                                                   2010 - 2012
*Software Engineer - R&D*
- Developed Linux-based embedded safety-critical application and system software and browser-based UIs

## Education

### University of Pittsburgh                                                                                      2007 - 2010
*Bachelor of Science, Computer Science*
- Completed 2 project-based software engineering courses in which I held project manager and technical lead positions.
- Relevant Coursework: Human Factors In System Design, Structure Of Programming Languages, Web Applications Programming, Computer Architecture, Computer Graphics, Software Engineering, Immersive Software Engineering.