

# Alexander Klen

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## About Me

- Staff Software Developer - Full-Stack Coding, Software Architecture, Tech Lead, Project Management
- Experience designing, building, and scaling distributed web applications in multiple industries and technologies
- Significant experience with latest LLM AI models and tools within AI-native B2C+B2B products and for development
- Hobbyist coder with interests in distributed systems, personal finance, and neuroscience

## Experience

### Invisible - Staff Software Engineer

*Remote - 2024-present*

- Zero to one on multiple AI-native products
- Cutting-edge techniques: hierarchical web automation agents and live-LLM-coded generative UI
- AI product reliability evals, integrations for deep research, payments, and voice chat

### Cloud Kitchens - Staff Software Engineer, Senior Software Engineer

*Remote - 2020-2024*

- Tech Lead for Cloud Retail - team of 8 engineers. Software architect, project manager, scrum master
- Designed and built inventory platform and online retail applications for experimental business vertical. Concept to launch in major global markets in 6 months
- Delivered retail integrations with business partners, customers, internal engineering platform teams
- Collaboration with product & design, general manager & strategy, facility support & operations leads
- Presented multiple projects to CEO and engineering organization. Professional development mentor
- Leveraged modern microservice architecture, gRPC, message queues, GraphQL, Cockroach DB, Elasticsearch, Trino
- Earned promotion to staff engineer

### Google - Senior Software Engineer, Software Engineer

*Seattle and Remote - 2015-2020*

- Payments Tech Lead for Google Domains (Registrar)
- Led team in major payments system upgrade, country and currency launches, fraud prevention improvements, payment stats and auditing pipeline
- Implemented automatic TLS cert provisioning, integrations with Google Business and Google Sites
- Completed projects for new ICANN transfer policy, registry integration, registrar-side .APP & .DEV TLD launches
- Presentations on payments, authentication, security. Mentoring and interviewing
- Earned two promotions to senior engineer

### Various - Software Engineering Intern

*California - 2011-2014, 2 years cumulative*

- Google: Adwords MapReduce data migration pipelines, real-time Ad logs processing regression test improvements
- Facebook: Crowdsourcing in Graph Search, contextual Wikipedia snippets, photo map search visualization
- LinkedIn: iOS UI redesign, employee dogfooding versioning system, node.js APIs and HTML5 iPad application
- Salesforce: Rypple/Success Cloud performance review app - full-stack development on OKR and email features

## Education

### University of Waterloo - Bachelor of Software Engineering

*2010-2015*

- With Distinction, Dean's Honours List, 3.96 overall GPA (cumulative 93.15%)
- Advanced Algorithms, AI, Compilers, Computer Graphics, Operating Systems, Networks