

Ivan Smirnov

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Proven Technical Leader and Software Engineer

Chief Technology Officer • Senior Software Engineer • Engineering Director • System Architect • Full-stack Development • Product Development • Cloud Infrastructure

WORK EXPERIENCE

Elude

February 2020 - present

CTO

Remote

- Instrumental in raising \$5.1M worth of funding for orchestrating the development of a groundbreaking travel application that features a personalized recommendation engine, easy booking functionality, and productive community.
- Facilitated regular strategic planning sessions with the C-suite team, setting high level goals and objectives for the entire company.
- Hired key engineers and managers into technical org which increased velocity by 3x.
- Primary decision maker for technical vendor selection. Responsible for contract negotiation and SaaS adoption.
- Slashed latency by 90%, and reduced RAM requirements from 1.2GB to 60MB/instance upon rearchitecting the backend.
- De-risked major launches with clear and actionable launch playbooks, outlining prep work, monitoring, and escape valves.
- Improved conversion ratios by 400% through the delivery of a UI/UX redesign project.
- Identified problems with application resiliency, and founded a task force to enable monitoring, analytics, alerting, and automated rollback. Successfully delivered massively increased cluster uptime while reducing engineering load.
- Introduced new business processes, which helped the company formulate and execute on its long-term mission.
- Elevated the skill set of numerous engineers by training them on the proper adoption of best practices, and effective utilization of tools in preparation for senior roles.
- Spearheaded multiple complex technical challenges regarding the development of a scalable system architecture.
- **Skills:** Vendor Management • Process Improvement • DevOps • Integration • Business Strategy • Cross-functional Team Leadership • Product Management • Software Development Life Cycle (SDLC) • Agile Methodologies • Cloud Computing • Business Analysis • Program Management • Business Process Improvement • Strategy • Strategic Planning • Executive Leadership • Software Architecture • Global Management • High Performance Computing (HPC)

Google

February 2016 - January 2021

Software Engineer

Mountain View, California

Worked on core Google Products including Google Ads, Google Assistant, and Google Cloud.

- Spearheaded the rollout of Google Assistant to millions of users on the Nvidia Shield.
- Accelerated internal library load time by eight times, while subsequently cutting memory footprint by 60%.
- Credited for the development of substantial parts of the Google Assistant SDK, while engaging with both internal and external partners to generate high adoption.
- Completed the delivery and integration of OOBE experience, various media features, and a highly intuitive UI for Google Assistant on the Android TV app.
- Enabled cross-functional alignment between various software and hardware teams, which proved valuable in driving the deployment of custom hardware.
- Expanded reach to more than 2,500 interns by conducting multiple orientation classes, while simultaneously promoting STEM to minorities by hosting student tours and presentations.
- Delivered core Google Assistant library rewrite, which is now being used on more than a billion Android smartphones.
- **Skills:** Product Management • Software Development Life Cycle (SDLC) • Agile Methodologies • Cloud Computing • Program Management • Management • Cross-functional Coordination • Software Development • Training & Development • Project Management

EDUCATION

Masters of Business Administration

Quantic School of Business and Technology

2018

Bachelor of Arts, Computer Science

University of California, Berkeley

2012-2015

SKILLS

Business: Corporate Strategy, Project and Product Management, Strategic Planning, Executive Leadership

Programming: Go, Java, Android, Python, NodeJS

Infrastructure: Kubernetes, Proxmox, OPnsense, Linux, Docker, Ansible, Terraform, CI/CD, DevOps

Languages: English (Native), Russian (Native)