Dmitry Sadakov

MS in CS '08 SPBSTU

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Software engineer with 15+ years experience, at Google, Amazon, Fintech, startups.

2018 - Current 2022 Senior SWE @ Google
- Team Lead on the GCP Compute Engine cloud console fullstack team.
- Launched OS Patch management FE as a TL of 3 SWEs, worked closely with PM, BE, UX teams and pushed GCP up the Gartner Quadrant at scale of 100M+ windows & linux VMs.
- Launched OS Configuration management FE, a green-field, aligning with 4 teams.
- Drove OS Security at Scale and Workload Manageability teams across 4 orgs, growing it to 12 SWEs to ship a new product in a 6 month timeframe.
- Created an augmented-reality Daydream 3D-model rendering launch for android.
- Promoted 4 googlers via gMentors, Java/TS/API reviewer, influenced AIP proposals.

Tech: Java, Typescript, Angular, Rxjs, Python, Protobuf, Spanner, internal Google tooling

2017 - 2018 SWE @ Amazon
- As part of the AWS Identity Intelligence team, as backend SWE I developed a pipeline for machine learning to determine security risks for 10+ million AWS users @ 500TPS, using a regionalized user profile fingerprint collector in a team of 5 SWEs.
- Top prize at Amazon Machine Learning University (python).

Tech: Java, Python, internal AWS tooling

2010 - 2017 Essextec SWE & SRE
- *COX Automotive* - Wrote framework automating deployments to AWS, saving $500k+/y
- *New York Stock Exchange* - Led 4 SWEs building warehouse nyxdata.com: search, security, CRM integrations with Salesforce & Saleslogix APIs for C-Level executives, granting $1m/yr budget
- Mobile innovation tech - a concept app for ticketmaster to synchronously light up user's phones across a stadium. iOS/Android/Websockets/NodeJS/Heroku.

Tech: C#, Java, MSSQL, Javascript

Other:
Aerial (2015) — Wrote an open-source windows screensaver for Apple TV-like videos, featured on lifehacker*, gizmodo, neowin*, 600 github stars, 60k downloads (C#, .Net WinForms)
Simkl (2016) — Failed kickstarter for an organizer of media, reached 500k users;
vtoure (2014) — Wrote a web concerts by your geolocation and VK's music libraries (Javascript)
Ambieye (2011) — Launched a paid cross-platform app for 4k/month users to control Philips Hue lights to customized color schemes and animations in a single click. Sold on Chrome, iOS, Android, turned free and open sourced. (Javascript, ObjC, iOS, Java, Android, PhoneGap).
Lan Crawler (2007) - Wrote an open-source tool to discover movies over LAN networks (years before plex.tv), a standalone windows app with an internal hand-written HTTP server, LAN scanner & pinger, embedded database, reverse search index, AJAX UI, used by 1k users.
Tech: C#, Lucene.Net, Winforms, SQLLite, jQuery.