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# Dmitry Ratnikov <resume@ratnikoff.com>

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Brooklyn, NY 11215

## RECENT ACCOMPLISHMENTS

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### Proven record of solving the problem and also the problem that caused the problem

- Pivoted Software Controls service partially towards Google prod stack: adopted standard Google prod serving while keeping the data within Datastore to reduce cost.
- Unified device management around a well managed single host identifier.
- Led the team to land Direct to Googler device provisioning while maintaining strict security requirements.

### Organizational influence

- Leading voice of the tech strategy for the my domain (~30 SWEs), balancing positioning the technical stack of the org for the challenges vs. the cost of doing so.
- Informed and co-opted SRE partner initiatives to standardize engagement and deployment models. Built an effective on-duty to support the former and secured a meaningful improvement path for the latter.
- Mediated rank-and-file vs. leadership through analysis, inspiration, and depth.

## TEAM SKILLS

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- Proven track record of executing tech strategy through delegation.
- Mentorship of junior engineers, primarily through delegation of ever more ambiguous chunks of work.
- Strong written communications skills (Strategy, Design, Proposals, Escalations).
- Setting fun, passionate, and effective culture through example and persuasion.

## TECHNICAL SKILLS

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- Creative approach resulting in more tailored solutions, achieving better quality while keeping costs in check.
- Proven track record to plan and land "change engine mid-air" system modernizations and support others through execution.
- Integrating reliability into tech design: SLOs, alerting, incident management, you name it.
- Full mastery of the Google Java/Kotlin backend stack, accomplished with Golang.
- Full mastery of the backend primitives API (protobufs), database (Spanner), testing. Slight exposure to FrontEnd development.

## EXTRACURRICULAR

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- Private Pilot (~450hr ASEL w/ IR).
- Burning Man Ranger Volunteer (6 years)

## PREVIOUS WORK

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### Google, Inc

SWE in corporate device management and security *2013 - current*

SWE in Display Ads *2010 - 2013*

### Webitects Inc

Web Developer *2008 - 2010*

- Software Reliability Engineer rotation
- Display Ads engineer

## EDUCATION

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### Illinois Institute of Technology

Bachelor of Science in Computer Science *August 2003 - December 2007*

Bachelor of Science in Physics *August 2003 - December 2007*