

EMPLOYMENT

Infrastructure Team Lead	CloudLock	June 2016 – Present
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- Reduced deployment time from 4 hours to 30 minutes. Ansible, Artifactory
- Reduced time to create dev environment from 2 days to 20 minutes. Jenkins, Ansible.
- Reduced deployment failures by introducing automated tests for infrastructure code.
- Reduced time to error detection by integrating Sentry into development process.
- Fully automated production environment roll out with Terraform and Packer.
- Introduced zero-downtime deployment. Nginx, Amazon ELB

Software Engineer	CloudLock	Oct 2013 – June 2016
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Selective Encryption

- With CTO prototyped the idea and delivered final product to market.
- Lead developer on all aspects of the project, including server setup, backend and frontend. Python, AngularJS
- Reduced deployment time from 1 day to 2 minutes. Ansible.

Security Fabric

- Reduced number of database connections from 5K to under 1K by introducing pgBouncer. PostgreSQL.
- Transitioned application authentication logic from OAuth1 to OAuth2

GeoFence

- With CTO prototyped and delivered final product to market. This is CloudLock's most installed product. Google App Engine, Python

Mobile and Java Developer	MobePlace Inc.	June 2010 – Oct 2013
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- Built full application suit for conference organizers to manage conferences. GWT, Sencha GXT, Spring, Tomcat
- Built Android and iPhone apps for conference attendees. Objective-C, Java
- Managed CentOS servers on Rackspace. MySQL, Bash, Tomcat, Nginx
- Reduced application deployment time by creating Continuous Delivery pipeline. TeamCity

iOS Developer, Consultant	Popper.org	Dec 2012 – May 2013
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- Implemented self-hosted Apple AppStore alternative by using Apple Enterprise MDM, Amazon S3, JavaEE
- Built iPhone app to browse, download and run experiment games. iPhone, Objective-C

C Developer, Intern	Informtechnika	Nov 2007 – May 2010
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- Designed and Implemented UI framework for new generation of secure cell phones
- Designed and Implemented configuration database for mobile device

EDUCATION

Moscow, Russia	Moscow Institute of Electronic Technology	Fall 2005 – May 2011
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- M.S.E. in Computer and Information Science, June 2011. GPA: 3.8/4
- B.S.E. in Computer Science Engineering, June 2009. GPA: 3.4/4

TECHNICAL EXPERIENCE

Projects

- **VoipSMS** (2010). Android app send text messages over VoIP and save the message in system SMS app. Rating: 3.6, Downloads: 1000-5000. Java, Android. <https://github.com/bitle/VoipSMS>
- **aGamepad** (2009). Android application that transforms your Android device into wireless gamepad controller. Android, UDP, C. <https://github.com/bitle/aGamepad>
- **Pasteur** (2012). iPhone app to prevent flu epidemic. The app takes user through short survey to diagnose flu symptoms. Survey results are used to notify close Facebook friends of the subject. Objective-C, Facebook SDK

Languages and Technologies

- Python; Java; Objective-C; Bash; SQL; JavaScript;
- AWS; Linux; Ansible; Terraform; Packer; Docker; Jenkins; Concourse; GoCD; Networking;
- DevOps; TDD; Continuous Integration; Continuous Delivery;
- Prior experience: C++; C; C#.NET;