

Bagrat Aznauryan

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Tech

golang python kubernetes helm grpc bash
ansible gitlab-ci nats mongodb mysql redis

Education

2015 **Master of Science**
Computer and Information Science
American University of Armenia

2012 **Bachelor of Science**
Physics
Yerevan State University

Online Courses

Intro to Kubernetes

edX.org, Linux Foundation

Intro to Cloud Technologies

edX.org, Linux Foundation

Cloud Computing Applications

Coursera.org, University of Illinois

Intro to Apache Spark

edX.org, UC Berkley

Big Data Analysis With Apache Spark

edX.org, UC Berkley

Distributed Machine Learning With Apache Spark

edX.org, UC Berkley

Data Science and Engineering With Apache Spark

edX.org, UC Berkley

Machine Learning

Coursera.org, Stanford University

MongoDB for DBAs

MongoDB University

MongoDB for Developers

MongoDB University

Experience

Software Engineer

Sauce Labs Inc.

(working remotely from Yerevan, Armenia)

Current, from Oct 2015

San Francisco, CA, USA

Develop and maintain the core services of Sauce Labs mainly using Go and asynchronous Python, deploying on Kubernetes. Participate in on-call rotation for prompt production troubleshooting. Contribute to the CI/CD pipelines. Implemented caching and rate limiting for the API to unload the database. Set up monitoring of services for better insights into system health, which significantly decreased the response/reaction time to production incidents.

Software Engineer

Aarki CJSC

(branch of Aarki Inc., Mountain View, CA, USA)

Nov 2014 - Oct 2015

Yerevan, Armenia

Designed scalable web services for an advertising platform, set up the infrastructure, including CI and configuration management. Developed wrappers/decorators for Python to reduce repeating and routine implementation tasks, which increased development and debugging time by providing more intuitive and clean code.

Software Engineer

IUnetworks LLC

Mar 2013 - Nov 2014

Yerevan, Armenia

Designed 3-tier architecture for an e-commerce web service using Java. Organized the CI pipeline, which increased software quality and release processes and decreased development time. Developed base classes for unit testing which eased test coding by initialising and providing all necessary resources. Implemented business logic split into service and data access layers.

Software Engineer

be2 LLC

(branch of be2 S.a.r.l., Luxembourg)

Jul 2012 - Mar 2013

Yerevan, Armenia

Developed RESTful Web Services for a matchmaking web application. Improved software development processes by setting up the development environment and writing automation scripts, which increased development productivity. Increased code coverage with unit tests and documentation which improved code readability and decreased build fails.

Embedded Software Engineer

Antel Design LLC

(acquired by Knightsbridge Group, Vienna, Austria)

Feb 2010 - Jul 2012

Yerevan, Armenia

Developed a command line interface via RS232 using C language on AVR32 architecture for a proprietary wireless transceiver. Additionally, integrated a third party Wi-Fi module on same platform to enable remote wireless configuration of the radio module. Wrote technical specifications and documentations for each piece of software.