

Anatoli Barzev

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Professional Summary

Experienced Systems Developer and DevOps Engineer with years of hands-on work in automation, infrastructure, and both frontend and backend development. Certified AWS Solutions Architect and Developer. I enjoy tackling infrastructure challenges and am always looking for practical ways to improve IT services. I'm naturally curious about the architecture and inner workings of modern technology and continually strive to deepen my understanding and enhance how systems function.

Skills & Tools for solving problems

Languages: Python, Go, PHP, JavaScript, TypeScript, Bash

DevOps/Automation: Docker, Ansible, GitLab CI, Cfengine, Kubernetes, Jenkins

Cloud Platforms Exposure: AWS, Azure, VMware vRealize Suite, NSX

Monitoring/Observability: Nagios, Icinga, Grafana, Datadog

Databases: MySQL, MariaDB, Clickhouse, Redis, Postgres

Tools/Technologies: Git, Nginx, BIND, Memcached, HAProxy, Networking(TCP/UDP/IP), Linux, SVN, ZMQ

Work Experience

Deviman Ltd. - Software Development & Cloud Services (B2B)

System Designer/Full stack Developer/Owner

2024 - Present

- Delivering integrated solutions for business clients, from concept to deployment.
- Implementing full-stack business solutions using Python, Go, PHP, JavaScript, TypeScript, PostgreSQL, and ClickHouse across onprem, public and private cloud environments.

[VMware / Broadcom](#) - Cloud Automation Projects

Lead Developer - Public/Private/Multi-Cloud Infrastructure

2022 - 2024

- Leveraged VMware vRealize, Aria, NSX, Kubernetes, and custom tooling with Python and TypeScript.
- Built infrastructure automation platforms for SDN and cloud orchestration.
- Designed and implemented cloud-native automation for diverse enterprise clients.
- Led integration across multi-cloud environments, focusing on scalability and security.

[Universal CDN \(ucdn.com\)](#)

Systems Developer / DevOps Engineer / Full stack developer

2011 - 2022

- Founding engineer of a global CDN delivering hundreds of Gbps traffic and thousands of reqs/s.
- Designed and operated highly available infrastructure with minimal downtime.
- Developed multiple services using Python, PHP, Go, JavaScript, Redis, MariaDB, Ansible, Docker, GitLab, OpenStack Swift and many others.

[Prototyp Ltd.](#)

Full stack Developer (B2B)

2006 - Present

- Developed SPA front-end with JS + Vue.js and Vuetify for kojto.com.
- Supported internal ERP tools on Azure using C# and modern JS stack.
- Supporting complete ERP rewrite with Python for the backend and Owl JS for the front-end, leveraging Odoo platform.

[INV.BG - E-Invoicing Platform](#)

Full stack Developer

2009 - 2011

- Built one of Bulgaria's top web invoicing platforms using PHP, Java, MySQL, JavaScript, PKCS11, serving over 10,000 small businesses.
- Built PDF e-signature service used by thousands.

VBOX7 JSCo. - Video Sharing

Full stack Developer

2010 - 2011

- Maintained and scaled Bulgaria's most popular video sharing platform (top 3 site in BG with +1M registered users).
- Optimized backend and caching infrastructure.

NET IS SAT - Telecom Company

Full stack Dev / SysOps / Network Engineer

2005 - 2009

- Built internal systems for billing, monitoring, provisioning for thousands of customers.
- Maintained voice and internet infrastructure.

Education

Master of Engineering in Telecommunications / Technical University of Sofia, 2005 (completed the full course of study)

Bachelor of Engineering in Telecommunications / Technical University of Sofia, 2001 - 2005

Certifications

- AWS Certified Solutions Architect(exp.) - Associate
- AWS Certified Developer - Associate
- Certified Technician(BG): Design and operation of photovoltaic systems

Projects

- **Cloud Automation for Multi-Cloud Orchestration** - Designed CI/CD and IaaS solutions for big corporate clients (public/private/hybrid clouds).
- **UCDN CDN Architecture** - Built scalable and globally distributed content delivery network. Involved in almost every aspect of the development(internal and customer-facing dashboards, backend services, architecture, DevOps, deployment, monitoring)
- **Kojto Frontend SPA** - Developed Vue.js frontend with advanced UX.
- **Solarmon IoT** - Developed home grown, end to end monitoring system for small Solar-panel installments: a lightweight daemon with embedded HTTP server(Go) on a Raspberry Pi, querying solar inverters via ModBus RTU over RS485, and sending stats to a central endpoint backed by InfluxDB (visualized with Grafana dashboards).