

# Vlastimil Zeman

Architect/Cloud/DevOps/Backend Engineer

📍 zemanlx 🏠 7 Hodges Court, Oxford, OX1 4NX, UK

✉️ zeman.vlastimil@gmail.com ☎️ +44 7463 894471

Methodical open-minded minimalist

## AREAS I CAN HELP WITH

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### Public Cloud

Amazon AWS & Google Cloud Platform

### Serverless/Containers

AWS Lambda, Docker, Docker Swarm, Kubernetes

### Security/Network

Check Point and Cisco Products, VPN, TCP/IP, IPSec, Routing, Switching

### Programming/Scripting

Go, Bash, Python

### DevOps

Git(Hub/Lab), Terraform, Travis-CI, GitLab CI/CD

## EXPERIENCE

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### DevOps & Backend Architect/Engineer

January 2017 - Present

Diffblue, Oxford, UK

- Mentored teams in DevOps practices
- Provided User research & Architecture & Prototyping for new services
- Developed backend serverless functions for AWS Lambda in Go for Diffblue Playground
- Transformed Diffblue enterprise product for use in Kubernetes, including writing manifests and deployment guides
- Wrote installation script for Diffblue enterprise product in Python
- Built continuous integration and delivery system for cloud-native services, release and deployment management for Diffblue enterprise product

### Senior Systems Engineer in Security & Networking

June 2010 - December 2016

AVG Technologies, Brno, Czech Republic

- Mentored junior and mid-level systems engineers
- Architected and led infrastructure deployments in cloud and data centres for AVG
- Evaluated various cloud environments (AWS, Azure, OpenStack) for enterprise use
- Handled management, upgrades, maintenance, remote accesses, site-to-site VPN tunnels, IPS, virtualization on Check Point
- Developed HashiCorp Consul integration with Check Point firewalls for dynamic cloud environments in Python
- Led networking and security integrations of companies acquired by AVG

### Security Specialist

July 2008 - May 2010

IBM, Brno, Czech Republic

- Managed workload for health check team (20)
- Mentored new members
- Took care of customers abroad in the Nordic region
- Performed quality assurance of security policies
- Created and tested security policies for customers

## EDUCATION

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### MSc Business and Informatics

September 2009 - June 2011

Nottingham Trent University, UK

- Risk Management, Change Management, Marketing, Competitive Intelligence, Project Management, Business Intelligence, Quality Management, Strategy Management
- Diploma thesis: Optimization in Accessing to Services in Enterprise

### Mgr (Master) Security IT

June 2007 - July 2009

Masaryk University, Czech Republic

- System and Network Security, Applied Cryptography, Coding and Cryptography, Randomized Algorithms
- Diploma thesis: Analysis of Cache-timing Attacks

### Bc (Bachelor) Applied Informatics

July 2004 - June 2007

Masaryk University, Czech Republic

- Math, Theory of Informatics, Algorithmization, Programming, Database Systems
- Bachelor thesis: Trusted Platform Module and Its Emulation

## PUBLIC PROJECTS

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### Diffblue Developer Playground

Public cloud-native serverless Java JUnit tests generator

### Maintainer of Hadolint

Dockerfile linter written in Haskell