

Tal Orlik

DevOps Engineer

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Exp: ~25 years

LinkedIn: <https://www.linkedin.com/in/tal-orlik>

GitHub: <https://talorlik.github.io/talorlik/>
<https://github.com/talorlik>

Primary Skills

AWS, Linux, Terraform, Docker, docker-compose, Python, Bash, Kubernetes, Helm, Ansible, CI/CD (GitHub Actions, Jenkins, ArgoCD), PHP, JavaScript, Node, MySQL, MongoDB, etc.

Recent Projects

1. [LDAP authentication with 2FA on Kubernetes](#)
2. [Terraform Backend State Infrastructure](#)
3. [Jenkins server on Docker using Docker Compose](#)
4. [Wiki.js on AWS EKS Auto Mode](#)

Published Articles

1. [Terraform State Management](#)
2. [Kubernetes Observability Stack](#)
3. [GitOps Pipeline with GitHub Actions and ArgoCD](#)
4. [How to Fix EC2 "Instance Reachability Check Failed" After EDR Recovery](#)
5. [SAP HANA backup with AWS](#)
6. [Environment variables in Docker and Docker Compose](#) (LinkedIn post leading to the article)

Bio

DevOps Engineer and Cloud Architect with about 25 years in high-tech, in South Africa, Spain, and Israel. Led teams delivering cloud-native platforms and Kubernetes-based infrastructure, plus legacy modernization. Focused on automation, reliability, security, performance, and cost optimization.

Career History

DevOps Engineer - CloudBuzz, Israel (Sep 2024 - July 2025)

- Technologies used: **AWS, Linux, Terraform, Python, Bash.**
- The company offers **DevOps and consulting services** to multiple clients, some fully managed, and others partially managed.
- My role involved:
 - Building infrastructure using IaC with Terraform and manually via the AWS console.
 - Write automation scripts with Python and Bash.
 - Problem-solving involving different areas.
 - Ongoing maintenance and monitoring of existing infrastructure.
 - Collect audit information for various purposes, such as compliance and cost analysis.

Private Cloud Team Leader - XM Cyber, Israel (Jan 2022 - June 2023)

- Technologies used: **AWS, Linux, Bash, Kubernetes, Helm, Docker, docker-compose, Jenkins, Node (Express / TypeScript), MongoDB, Scala, C++, GitHub, Jira, etc.**
- Led a team of 6-8 Backend engineers in designing and implementing automated scans for vulnerabilities on on-prem, such as Windows, Linux, and Mac, and private cloud, such as Kubernetes, and developed new capabilities on the components used in the scanning process.

Team Leader & Scrum Master - Webpals (XLMedia), Israel (Jan 2019 - Dec 2021)

- Technologies used: **AWS, Linux, Docker, Docker-Compose, Node, React, PHP, MySQL, WordPress, JavaScript, Jenkins, Bitbucket, Jira, etc.**
- Led a team of 4 to two teams totaling 11 full-stack developers in designing, coding, and implementing new features and cloud-based services for the company's websites.
- I was also responsible for architecture, technical design, technical review, code reviews, and technology choices in various projects (not limited to my immediate team).

Front-End Team Lead - VAT IT, South Africa (Feb 2017 - Oct 2018)

- Technologies used: **AWS, Linux, Apache, PHP, MySQL, JavaScript, Ruby on Rails, Angular, Angular Material Design, Docker, Docker-Compose, Jenkins, MS SQL Server, Bitbucket, Jira.**
- Led a team of 4 developers. I was responsible for analyzing, designing, developing, testing, deploying, and maintaining the company's legacy and new client-facing applications, both for in-house and public users.

Senior Web Developer - 1Web Systems (A division of One Insurance), South Africa (Oct 2015 - Feb 2017)

- Technologies used: **Linux, Apache, PHP, MySQL, JavaScript.**
- Contributed to the development and maintenance of a custom-built, in-house insurance system, utilized by all departments across the company to manage the entire process.

Senior Web Developer - Double-Eye, South Africa (Nov 2012 - Nov 2014)

- Technologies used: **Linux, Apache, PHP, MySQL, Yii Framework, JavaScript.**
- Developed, amended, tested, deployed, and maintained new and existing websites, online applications, and CMS for the company's clients.

Education

- **AI Solution Engineer** - by [Eden Bibas](#) & [Ran Nahmany](#) - [Brain Academy](#)
- **DevOps Engineer Diploma** - by [Nir Geier](#) - Mika Center.
- **DevOps Engineer Diploma** - INT.
- **DevOps Engineer Path** - KodeKloud.
- **AWS Solution Architect Associate** - Udemy.
- **Kubernetes for the Absolute Beginners - Hands-on** - Udemy.
- **The Complete Python Bootcamp From Zero to Hero in Python** - Udemy.

- **BSc. Software Engineering** (3 of 5 years) - UNISA, South Africa
- **Programming Diploma** - Crux Computer Training Institute, South Africa (Cambridge University, authorized college)
- **Learn by Example: Apache Flink** - Udemy
- **MongoDB - The Complete Developer's Guide 2022** - Udemy
- **React - The Complete React Developer Course** - Udemy
- **Angular 5 - The Complete Guide** - Udemy
- **React vs. Angular vs. Vue.js by Example** - Udemy
- **Learn Angular 5 from scratch** - Udemy
- **Learn Angular 4 from scratch** - Udemy
- **MCS5 C#.Net**
 - 1st Module – Developing and Implementing Web Applications using Visual C#.NET and Visual Studio .NET.
 - 2nd Module – Developing and Implementing Windows Applications using Visual C#.NET and Visual Studio .NET.
- **Advanced Course in Internet Application Development with Delphi 5** - Borland Inprise, South Africa
- **Advanced Course in Multi-tier Applications with Delphi 4/5** - Borland Inprise, South Africa
- **B.Com. Law** (1st year) - University of Witwatersrand, South Africa
- **Matric** - Eden College High School, South Africa