Valentin Pfeil
Officer of Bundeswehr

PERSON

Schellingstraße 157
80797 München
Bavaria
Germany

+49 151 28400183

vp@valentinpfeil.com

linkedin.com/in/valentinpfeil/

EXPERIENCE

01/2025 - Present

Work study/master's thesis – Student in Cloud Architecture, *Capgemini Deutschland GmbH,* Munich

· Collaboration on the OmniAware - Connected Defense project for NATO and defense industry use cases
· Responsibility as Engagement Manager and Cloud Security and Compliance Architect
· Development and automation of cloud infrastructures (AWS, Confidential Computing, Kubernetes, HashiCorp Vault)
· Creation of architecture models according to the NATO Architecture Framework (NAFv4)
· Conducting risk analyses, creating remediation plans, and compliance documentation
· Collaboration with internal and external stakeholders (e.g., Capgemini management, NATO accreditation office)

07/2024 – 09/2024

Voluntary Internship (Study Program) - Cloud Engineering, *IAV GmbH, Berlin*

· Container orchestration with Docker and Kubernetes clusters
· Operated on cloud platforms such as Rancher, Azure and AWS
· Utilized Infrastructure-as-Code tools (Terraform, Kubectl, Helm)
· Analyzed and developed with Python, YAML and JSON

06/2023 – Present

Freelance IT Consultant, *Self-employed,* Neubiberg

· Provided IT consulting and support to private and business clients

10/2019 – Present

IT Officer, *Bundeswehr, Various Locations*

· Military training at the Officer School oft he German Air Force in Fürstenfeldbruck (GER) (OffzLehrgOATrDLw)
· Participated in exchange training at École de l'Air in Salon-de-Provence (FRA)
· Educational and military training at the University of the Bundeswehr Munich in Neubiberg (GER)

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EDUCATION

2024 – Present	**University of the Bundeswehr Munich** Master of Science – Computer Science
2021 – 2023	**University of the Bundeswehr Munich** Bachelor of Science – Computer Science
2013 – 2019	**DAA-Technikum** Certified Electrical Engineer – Data Processing Technology

TECHNICAL SKILLS

· Cloud platforms: OpenStack, Rancher, Azure, AWS
· Virtualization: Docker, VMware ESXi
· Programming: C, C++, Scala, Python, MySQL, Java, Go, YAML, JSON
· Infrastructure-as-Code: Terraform, Kubectl, Helm

LANGUAGES

· German (native)
· English (fluent)
· French (fluent)

ADDITIONAL ACTIVITIES

2023 – Present	Student Research Assistant, University of the Bundeswehr Munich
2023 – Present	Sports Instructor, University of the Bundeswehr Munich

Munich, 2025-09-13