David Chobotský

Principal Cloud Architect · AWS & Azure · DevOps & AI Infrastructure

david@chobotsky.cz david.chobotsky.cz linkedin.com/in/davidchobotsky Hradec Králové, Czech Republic

Czech (native) · English (professional) · German (basic)

PROFESSIONAL SUMMARY

Principal Cloud Architect with 13+ years of international delivery, the last five focused on AWS and Azure. Combines architectural authority with hands-on engineering — designing and building production systems, not just blueprints. Track record in AI/ML infrastructure for financial services, enterprise cloud programmes and DevSecOps platform consolidation. Steps into ambiguous, high-stakes situations and delivers: 5× faster infrastructure provisioning, zero-downtime deployments and production AI platforms serving thousands of users.

Client names are withheld under NDA.

PROFESSIONAL EXPERIENCE

AWS Cloud & DevOps Architect / Engineer · Nuven 10/2024 – present

Prague / remote · freelance

- Lead cloud infrastructure, security and the CI/CD platform for the AI projects of a major Central European banking group (5-person core team). Scope from architecture to full-stack delivery (Java, Python, JavaScript).
- **AI banking assistant (EKS/Kubernetes):** consolidated fragmented CI/CD into shared Terraform modules reused across all projects; cut infrastructure provisioning from 1 week to 1 day (5× faster); enabled several zero-downtime production deployments a day.
- **Internal AI assistant (RAG):** designed and delivered the authentication layer myself when it blocked the launch — 5 Python Lambda functions, first working version in 2 days. Passed enterprise security and performance testing; live for thousands of employees.

AWS (EC2, EKS, Lambda, S3, CodePipeline, CodeArtifact, ECR, Config Rules, IAM) · Terraform · GitHub Actions · GitOps · Python · Kubernetes · RAG

Azure Cloud Architect / Engineer · CLOUDFIELD a.s. 03/2021 – 12/2025

Hradec Králové / remote · freelance · main role 02/2022 – 10/2024; parallel cooperation before and after

- Delivered Azure cloud engagements independently and in small teams across banking, telecommunications, logistics and healthcare.
- **Tier-1 Czech bank — CCoE Stream Lead (2023–2024):** led the Cloud Operations stream of a ~10-person Cloud Centre of Excellence. Delivered Terraform modules, GitHub Actions standardisation, multi-layer monitoring (AppDynamics, OpenTelemetry, Azure Monitor/AMPLS) and BYOK-encrypted PostgreSQL; onboarded 5–10 application teams.
- **Logistics company — Cloud & Security Architect (2022–2024):** designed and implemented a Hub & Spoke network architecture with Palo Alto VM/CN-series NGFW and Panorama management on Azure, fully in Terraform.
- **Telco operator — BVA Lead (2021–2022):** led a Microsoft-funded Business Value Assessment for 20+ applications: financial model, per-workload Azure architecture and a C-level presentation with data-driven recommendations.

Azure (AKS, Functions, WebApps, PostgreSQL, Monitor, AMPLS, DevOps, Policy) · Terraform · GitLab CI/CD · GitHub Actions · AppDynamics · OpenTelemetry · Palo Alto NGFW · Svelte · MLOps

Process Automation & Inspire Solution Architect · Quadient — 07/2016 – 02/2022

Remote + Hamburg · freelance · main role from 12/2017; smaller projects alongside MBA Group before

- Senior consultant and solution architect for enterprise CCM platform projects, mainly for international clients (Switzerland, Germany, UK).
- **Swiss private bank (4-year flagship):** lead engineer of a 2+4 team across several technology generations (NIS→CCMS migration, R14 upgrade, QR Bill). Hands-on development, sprint planning, on-site delivery, automated testing.
- **German statutory insurer (go-live from scratch):** full-stack deployment (Interactive, Scaler, IIS, SQL, SSO, LDAP, load balancer) and hand-over to the local team.

Data Architect & Engineer · BizzTreat.com — 09/2017 – 11/2023

Remote + Prague · freelance, parallel cooperation

- Data architecture, pipelines and BI analytics for growth-stage clients: GCP infrastructure and Terraform for a fintech, Tableau dashboards and cost modelling for a food-retail chain, GoodData platform delivery.

Keboola · Tableau · GoodData · GCP · Terraform · Airflow · Keycloak · SQL · Python

Inspire Developer / Product Developer · MBA Group Ltd. (UK) — 09/2015 – 12/2017

Employee, freelance from 04/2016

- Print automation platform development. Created a Git versioning extension for Inspire Automation workflows on my own initiative; later used at a Swiss bank client.

SW Consultant → Project Owner & Tech Lead · GMC Software Technology — 09/2012 – 08/2015

Prague / USA / China · full-time

- Field implementation specialist: solo client missions in the USA (payments, insurance), UK and Germany.
- Took over the company's largest project (global manufacturer, USA + China) as Tech Lead of a 10–12-person team across 3 time zones; led the production go-live on site at a factory in China.

TECHNICAL SKILLS

Cloud	AWS (EC2, EKS, Lambda, S3, CodePipeline, CodeArtifact, ECR, Config Rules, IAM) · Azure (AKS, Functions, WebApps, PostgreSQL, Monitor, AMPLS, DevOps, Policy) · GCP
IaC & DevOps	Terraform (modules, multi-cloud, enterprise governance) · GitHub Actions · GitLab CI/CD · Azure DevOps · GitOps · AWS CodePipeline · Kubernetes (EKS/AKS) · Docker
Security	Palo Alto NGFW (CN-series, VM-series, Panorama) · Hub & Spoke networking · BYOK encryption · Cloud Landing Zone governance
AI, Data & MLOps	RAG (AI assistant infrastructure) · MLOps platform design · Keboola · GoodData · Tableau · Airflow
AI-assisted engineering	Claude Code · GitHub Copilot — used as assistants; every output reviewed and verified
Development	Python · Java · Groovy · JavaScript / Svelte · SQL · PHP · HTML/CSS · Git

CERTIFICATIONS

Microsoft Certified: Azure Solutions Architect Expert · Azure Administrator Associate · Azure Data Engineer Associate
Quadient Inspire Suite (Automation, Scaler, Interactive, Designer) · Modern Rhetoric & Nonverbal Communication

EDUCATION

MSc (Ing.) — Web & Software Engineering, Czech Technical University in Prague, FIT — 2010 – 2012
BSc — Software Engineering, Czech Technical University in Prague, FEE — 2007 – 2010

Open to principal-level roles and challenging projects · Remote + hybrid · Willing to travel · Open to relocation for the right role