

Aingaran Elango

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WORK EXPERIENCE

Deutsche Bank AG, Frankfurt am Main — *Senior Engineer*

April 2025 – Present

Design, build and maintain Malware Lab (aka Red Network) for CSO

- Upgraded and migrated 5 core services from a bare-metal setup to a containerised Docker environment, significantly improving security, maintainability and enabling near-zero downtime for maintenance.
- Automated 3 key administrative processes to eliminate manual effort and promote transparency between business and technology teams.
- Migrated legacy Git repositories to a Docker-hosted Gitea instance to streamline source code management and tracking.
- Introduced new services including Authentik for centralized identity management and n8n for workflow automation, improving both administrative efficiency and the end-user experience.
- Currently designing and proposing a two-fold modernisation strategy focussed on containerising the primary lab application and migrating the underlying on-premise infrastructure to Google Cloud to reduce hardware maintenance overhead.

Hoverture Deutschland GmbH, Munich — *Sr. Cloud Architect*

Formerly Hoverture Europe AG, Hoverture Deutschland AG, Endocode AG

February 2022 – October 2024

Cloud architecture and cloud engineering for startups and SMEs.

- Design and build 5 Landing Zones with security guardrails
- Lead technical team to deliver cloud infrastructure projects in Financial Services, Media Intelligence verticals
- Design and execution of cloud-native solution architectures with end-to-end automation (S2D including observability)
- Plan and execute migrations to and from public cloud(s)
- Supporting clients with implementation and roll-out

KEYWORDS

TECH: Python, Java, Rust, JavaScript, React, SQL, NoSQL, Terraform

TOOLS: Ansible, Kubernetes, Helm, GKE, Cloud Run, CloudSQL, Cloud Functions, Prometheus, Grafana, ELK, Zabbix

CONCEPTS: Security, Compute, Serverless, Networking, DNS, Automations, Machine Learning, Artificial Intelligence, Cloud Infrastructure, Monitoring, Alerting, Debugging

METHODOLOGIES: Agile, Scrum, DevOps, Waterfall, TDD, Pair Programming

SKILLS: Thought Leadership, System Architecture & Design, Stakeholder Management, Mentoring & Coaching, Problem Solving, Critical Thinking, Cross-Functional Collaboration

Tata Consultancy Services, India/Germany — Architect

July 2019 – January 2022 as Senior Developer, Technical Architect in Germany

June 2016 – July 2019 as Trainee, Developer, Senior Developer in India

External Consultant for Deutsche Bank AG's CISO department (Identity and Access Governance).

- Lead a team of 23 people to deliver infrastructure access recertification platform
- Design and build applications for identity and access governance using Java, Oracle SQL, Python and RSA IGL
- Design and develop automation suits using Python, Selenium, Gherkin to ensure application quality
- Design and build CI/CD and automations using Jenkins, Teamcity, Jira and UrbanCode Deploy to reduce manual efforts/human errors
- Provide technical assistance/guidance across teams and departments in the fields of Java, DevOps, Agile, Google Cloud
- Design and conduct three hackathons
- Design and propose solutions for RfPs

EDUCATION

Amrita Vishwa Vidyapeetham (India) — B.Tech.

August 2012 – June 2016

Aerospace Engineering

CERTIFICATIONS

Google PSA (2021, 2023, 2025)
Cloud architecture

Google PWA (2023)
Collaboration

LANGUAGES

Tamil (Native),
English (Fluent/Bilingual),
German (Elementary)

LINKS

