






Munavar Harris Thottoli

Cloud Architect / Consultant

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 Espoo, Finland

Professional Experience

Cloud Platform Engineer, *Tietoevry Oyj*

03/2024 – present
Espoo, Finland

- Developing and maintaining enterprise scale architecture, and landing zones.
- Streamlining cloud operations and increasing deployment efficiency by 5x using IaaS and VCS.
- Orchestrating and integrating automation runbooks for cloud inventory and cost governance.
- Monitoring infrastructure performance, identifying issues, and implementing timely resolutions to maintain optimal performance.
- Developing and implementing policies and procedures for utilizing cloud infrastructure effectively and securely.
- Ensuring seamless integration of all systems to create a cohesive and reliable infrastructure.
- Engaging multiple software product teams within the company to evolve the platform that aligns with their specific needs and requirements.
- Collaborating with cloud service providers for developing and delivering innovative cloud platform solutions.

Technical Account Manager / Presales Engineer, *Elisa Oyj; Elisa Polystar*

01/2023 – 03/2024
Helsinki, Finland

- Managed a portfolio of a major account spanning multiple EU countries, contributing to almost 20% of the company's revenue.
- Handled presales responsibilities, including demos, presentations, and RFI/RFP/RFQ.
- Architected data mesh solutions for cloud and on-premises deployments.
- Engaged with customers and product management for driving product improvements.

Cloud Architect / Consultant, *Tietoevry Oyj*

09/2021 – 01/2023
Espoo, Finland

- Advised and architected cloud-native business services and solutions in GCP, AWS, and Azure platforms.
- Streamlined cloud deployments with IaaS and CI/CD tools.
- Architected and implemented custom Kubernetes platforms in GCP through collaboration with multiple development teams.
- Co-orchestrated secure GitOps workflows for rapid and continuous application deployments in Kubernetes with self-hosted runners.
- Collaborated with various functional groups within technology and business service areas to meet clients' and customers' delivery objectives.
- Implemented cloud security governance utilizing policies and cloud-native security tools covering the 100% of customer infrastructure.

Research Assistant, *Aalto University (Comnet Department)*

05/2020 – 08/2021
Espoo, Finland

- Researched security vulnerabilities in Smart Grid Substation infrastructure.
- Master's Thesis work related tasks.

Education

MS in Computer, Communication and Information Sciences (Communications Engineering), <i>Aalto University</i> Major: Internet Technologies Minor: Security and Cloud Computing Master's Thesis: Network Slicing in 5G Connected Data Network for Smart Grid Communications Using Programmable Data Plane.	09/2019 – 11/2021 Espoo, Finland
BEng (Hons) Electronic and Communication Engineering, <i>University of Huddersfield</i> <i>Bachelor's Thesis: Wavelet Transform for Feature Extraction for Machine Learning.</i>	09/2017 – 07/2018 Huddersfield, United Kingdom
Diploma in Telecommunications Engineering Technology, <i>College of the North Atlantic - Qatar</i> <i>Capstone Project: Building and Implementing a Robotic Sun-Tracking System.</i>	01/2014 – 05/2017 Doha, Qatar

Skills

Data Infrastructure Architecture, (<i>Data Mesh, Analytics, Data Warehouse/Lakehouse</i>)
Telco OSS Solution Design, (<i>PM, CEM analytics, Mobile Technologies, Network Automation, AI/ML Usecases</i>)
Knowledge of Cloud Technologies, (<i>AWS, GCP and Azure</i>)
Infrastructure as a Code, (<i>Terraform, AWS CloudFormation, Azure Bicep, Ansible</i>)
Serverless Architecture, (<i>AWS [Lambda, API Gateway, CloudFront, DynamoDB], GCP [Function]</i>)
DevOps (CI/CD), (<i>GitHub Actions, GitLab CI/CD, AWS CodePipeline, Azure DevOps and GCP CodeBuild</i>)
Kubernetes Applications and Management Tools, (<i>Helm, Rancher and OpenShift</i>)
Containerization & virtualization, (<i>Kubernetes, Docker, Vagrant, VMware vSphere</i>)
Programming & Languages, (<i>Python, YAML, JSON, Javascript</i>)
Technical Presales, (<i>Demo and Sales Processes: RFI/RFP/RFQ</i>)
Knowledge of TCP/IP Protocol stack, (<i>HTTP, MQTT, RTP</i>)

Certificates

Microsoft Certified: Azure Solutions Architect Expert  <i>Issued by Microsoft; Jan 2024 - Jan 2025</i>	Microsoft Certified: Azure Administrator Associate  <i>Issued by Microsoft; Jan 2024 - Jan 2025</i>	Microsoft Certified: Azure Fundamentals <i>Issued by Microsoft; Sep 2022</i>	Google Cloud: Professional Cloud Architect <i>Issued by Google Cloud; Sep 2022 - Sep 2024</i>
Google Cloud: Associate Cloud Engineer <i>Issued by Google Cloud; Jun 2022 - Jun 2025</i>	HashiCorp Certified: Terraform Associate <i>Issued by HashiCorp; Feb 2022 - Feb 2024 (Expired)</i>	AWS Certified Solutions Architect - Associate <i>Issued by Amazon Web Services (AWS); Aug 2020 - Aug 2023 (Expired)</i>	AWS Certified Cloud Practitioner <i>Issued by Amazon Web Services (AWS); Jul 2020 - Aug 2023 (Expired)</i>
Certified Ethical Hacker (CEH) <i>Issued by EC-Council; Sep 2018 - Sep 2021 (Expired)</i>			