PROFILE

A certified DevOps engineer with more than 12 years of solution architecture experience for the financial services industry on security, enterprise applications, mainframe and integrations.

A proven record of [Continuous learning].

I can tackle your problem, whatever it is, just reach out to me.

EXPERIENCE

Principal Engineer, AppCtl, London; 2020 February - Present

- Created a single page application using Hugo, developed a pipeline on CircleCI integrated with GitHub and AWS S3.
- AWS Consultant for a Cybersecruity startup to solve scalability and cost-cutting problems. Developed automation scripts using AWS .NET Core SDK for creating ACM public certificates, Application Load Balancers and deployment of these artifacts to the production environment. Created CloudWatch dashboards.

Technology Consultant, Capital Markets, Accenture UKI, London; 2017 August - 2020 February

- DevOps Engineer role for an Investment Bank on application transformation and replatforming project. He delivered Vault component of the platform using Helm charts running on Azure Kubernetes Service(AKS) and deployment shell scripts.
- Lead DevOps/DevSecOps Engineer role on a multi-vendor cloud migration programme for a financial regulator/institution, delivering high-level designs, creating pipelines. Hands-on experience includes Python, Chef, Inspec, Packer, Jenkins, security controls.
- Lead Architect for a telco, on an AWS migration project, creating high-level, low-level designs and infrastructure-as-code.Hands-on experience includes CloudFormation, Python, Ansible.
- Customer facing Security Architect role for a resources client. Key responsibilities: high- and low-level designs, stakeholder management, vendor management, requirements gathering.

Lead Enterprise Architect, IsBank; Istanbul — 2006 September - 2017 August

- Solution Developer: hands-on development of some key infrastructure solutions, like:
  - Identity federation between online banking web site and e-government (OAuth2, DataPower, C#),
  - A messaging gateway between direct banking channels and Mainframe (J2EE, F5 iRules),
  - A software update system for branches (BranchCache, C#),

- Deployment automation for load balancers (J2EE, XML, Python API),
- Chief Architect for Data Centre Transformation Program and Technical Lead of the Design Phase: Responsible for 10K / 50 K+ man days within the over all program. Work includes, not only:
  - High and Low Level Design of 13 IT operations domain, domain workshops and design integrity workshops,
  - Leading the active-active design patterns workgroup,
  - Driving the RFI and RFP processes, writing Statement of Work(SOW) for the contract.
- Solutions and Integration Architect for Digital Banking Apps: Working on the implementation of new apps and solutions with software architects for secure integration, requirements and stakeholder management with business units.
- Leading a team of infrastructure architects, creating IT infrastructure and security standards, working closely with infrastructure, business teams and architectural committee on enterprise standards, being a centralized coordination point between infrastructure teams, development teams, business teams, TOGAF experience.

Software Developer, General Electric - MTC; Istanbul — 2005-2006

Python and Java development; JUnit, Ant, Zope

SKILLS

- Containers: Kubernetes, Docker.
- Programming: Python, Bash.
- Pipeline: CircleCI, CodePipeline, Jenkins
- Testing: InSpec, JMeter
- Config Management: Chef, Ansible
- IaC: CloudFormation, Terraform
- Monitoring: Splunk, CloudWatch
- Architecture: Cloud, Network, Security, Integration

CERTIFICATION

- CNCF Certified Kubernetes Application Developer(CKAD)
- CISSP
- Google Certified Professional Cloud Developer
- Google Certified Professional Cloud Architect
- AWS Certified Solutions Architect – Professional
- AWS Certified DevOps Engineer – Professional
- TOGAF

EDUCATION

- Vrije Universiteit Brussel, Brussels, Belgium — MSc in Applied Computer Science
- Dokuz Eylul University, Izmir, Turkey — BS in Electrical Engineering
- Bornova Anatolian High School, Izmir, Turkey

HOBBIES

Raspberry Pi, Rowing, Cycling, British Mensa.