Mahyar Nazari
Research & Development Engineer

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👤 Summary

Currently working as senior research & development engineer in a banking service development company. As a M.Sc. in 'Computer Architecture Engineering', during approximately 10 years of my industrial experience, I have done many successful projects based on companies demands which have led me to Programming, DevOps, Networking, Microsoft and Linux skills. In general, most people know me as an accountable, collaborative, target-oriented, self-motivated and leadership co-workers.

⚙️ Technical Skills

Programming	DevOps	Service	Network
Python, Django, FastAPI, Relational databases (SQL), Process Automation, Python Teaching, Data Migration, Web Scraping, Uniting Test, REST APIs	Container Orchestration, Kubernetes, Docker, Harbor, Jenkins, CI/CD, Nginx, MinIO, Velero, Git	Network Monitoring Tools, Microsoft Exchange, VMware vCenter, Backup Solutions, Active Directory, IT Audit, DNS	Network Troubleshooting, Voice over IP (VoIP), Network Design, Mikrotik, Cisco

🎓 Education

Kharazmi University
M.Sc. Computer Architecture Engineering
2015 – 2017, Tehran, Iran, **Ranked 1st** in 10.

Shahid Bahonar University
B.Sc. Computer Hardware Engineering
2010 – 2014, Kerman, Iran, **Ranked 3rd** in 25.

💼 Work Experience

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- **Research and Development Engineer**
January 2020 - Present, Tehran, Iran.

  Tasks and Achievements:

  ■ Researched and developed required applications and advising the best solution for IT department.
  ■ Wrote task automation scripts using Python, PowerShell, Bash.
  ■ Developing and maintaining web applications using Python, Django, and related technologies.
  ■ Designing and implementing database schemas and data models.
  ■ Developing RESTful web services and APIs. (FastAPI)
  ■ Extracted data from website. (Web scraping, Selenium)
  ■ Optimized and Automated HR and Helpdesk processes.
  ■ Building images and deploying Docker containers to break up monolithic apps into microservices.
  ■ Converting monolithic legacy python app to image and microservices with docker compose, Bash.
  ■ Implementing and maintaining a multi-master Kubernetes (K8s) cluster.
  ■ Creating and maintaining fully automated CI/CD pipelines for code deployment using GitLab and Jenkins.
  ■ Developing and implementing microservices via manifests, Helm charts into k8s clusters.
  ■ Teaching Python.
  ■ Carried out data migration activities.

Porsoo Electronic Industry

- **Network Engineer**
November 2017 - January 2020, Tehran, Iran.

  Tasks and Achievements:

  ■ Provided solutions and resolved technical difficulties in a fast and cost-effective manner.
  ■ Managed and configured VMware vCenter solution including: DSwitch, VMotion Traffic, Traffic Management, ISCSi and HA, Fault Tolerance, Clustering.
  ■ Designed Network and configured Cisco and Mikrotik devices including: Subnetting، Routing، Switching، Security، Load balancing، failover، Tunneling
  ■ Configured Cisco Voice Gateway and supported 2 call centers based on Asterisk.
  ■ Managed and supported Audit software including: Lepide, Netrix, Kiwi, Manage Engine Service Desk, Papercut.
  ■ Managed and supported Data Loss Prevention (DLP) including: Endpoint Protector4, Symantec.

- **System Administrator**
November 2015 - November 2017, Tehran, Iran.

  Tasks and Achievements:

  ■ Supported, maintained and upgraded systems and networks.
  ■ Installed, Setup, and supported Exchange Mail Server and Kerio Connect.
  ■ Installed and managed Firewall including: Cyberoam CR200i, Cyberoam CR50ia, SOPHOS XG210, Kerio Control, Mikrotik.
  ■ Managed and supported backup systems including: Veeam Backup, Arc Backup, Symantec, Veritas.
  ■ Managed and supported monitoring systems including: PRTG, SolarWinds, Dude، vRealize Operations Manager.

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- **Technical Support**
  March 2014 - November 2015, Tehran, Iran

  Tasks and Achievements:

  ■ Supported and maintained networks and infrastructures.
  ■ Maintained, supported and configured HP Servers.
  ■ Network serveries setup and support including Active Directory User, Active
  Directory Site and Service, DNS, DFS and IIS.
  ■ Carried out management, support and setup VMware vSphere.

Certificates / Courses

Django 3.2
Maktabkhooneh
Issued Jul 2023

ITIL 4 Foundation
Dotin School
Issued May 2020

Microsoft Azure Fundamentals
Dotin School
Issued March 2023

Advanced Python Programming
Maktabkhooneh
Issued Jan 2020

Certified Kubernetes Administrator (CKA)
Dotin School
Issued Sep 2022

CCNP Route
Cybertech
Issued Jun 2012

Django 2.2
Sharif University of Technology
Issued Jul 2021

CCNA
Cybertech
Issued Jun 2011

Soft Skills

- Responsible & decision maker
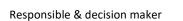- Target and result oriented
- Collaboration
- Team leadership
- Self-motivated

Honors

- Member of the National Elite Foundation of Iran, 2019.
- Member of the Badminton Team of Tehran Province, 2007.

Publications

FRCD: Fast Recovery of Compressible Data in Flash Memories
Publisher: Elsevier Journal of Computers and Electrical Engineering (Elsevier-CEE), February 2019.

Providing a Novel Method to Recover Flash Memory-Lost Metadata while Sudden Power Failure in Solid State Drives
Publisher: Third International Conference on Electrical Engineering, June 2018.

Providing a Data Compression-Based Method to Recover Flash Memory Lost Metadata while Sudden Power Failure
Publisher: Third National Conference on Computer Engineering, Information Technology and Data Processing, August 2018.

Language

Persian: Native

English: Upper Intermediate