

PIROOZ EKHTIYARI

Burnaby, B.C., Canada

(604)762-0736 | ekhtiyari.pirooz@gmail.com | Pirooz.dev | github.com/Vyngard | linkedin.com/in/ekhtiyari-pirooz

Skills

Languages: Java, Python, JavaScript, SQL

Frameworks: Django, Spring Boot, Express.js

Developer Tools: PostgreSQL, MongoDB, Git, Linux, Docker, Terraform, AWS (IAM, EC2, S3, RDS, Lambda)

Work Experience

Software Engineer (Back-End & DevOps)

Vancouver, B.C., Canada

Olyns (Environmental Company)

Aug. 2023 – Present

- Developed Python scripts to extract data from AWS S3 buckets, perform data cleaning and validation, and create standardized datasets for training ML models.
- Designed and maintained scalable database schemas in PostgreSQL for the extracted data, resulting in a 25% reduction in database maintenance overhead.
- Developed a RESTful API using Django to manage the extracted data from AWS S3 buckets. Decreased data entry errors by 70% after implementing validation steps.
- Working on an ongoing Terraform project to deploy the mentioned Django application, which utilizes EC2 for compute resources and RDS for database management.
- Created comprehensive documentation for a Terraform project, which used the Terragrunt wrapper.

Software Engineer (Back-End)

Tehran, Iran

Tapsell (Digital Advertising Network Agency)

Feb. 2021 – March 2023

- Enhanced system scalability by 30% by migrating legacy applications to Docker containers.
- Improved data processing speed by optimizing database queries in PostgreSQL and MongoDB.
- Increased API response efficiency by refactoring backend services using Django and Spring Boot.
- Reduced system downtime by 40% by automating deployments using Ansible on Linux servers.

Software Engineer (Data & Analytics)

Tehran, Iran

Tapsell (Digital Advertising Network Agency)

July 2018 – Feb. 2021

- Created Grafana dashboards to monitor various mobile applications on Google Play and identify opportunities for better profit margins, resulting in securing 20% more profitable contracts.
- Conducted direct customer negotiations, increased profit margin by 15%.

Software Engineer (Back-End)

Tehran, Iran

Ponisha (E-commerce Platform)

Feb. 2017 – June 2018

- Transitioned a website from WordPress to Django, deployed on a Linux server, enhancing various functionalities such as caching, order processing, and filtering. This overhaul resulted in a performance improvement of nearly 20%.
- Engineered a MongoDB schema for the new website, using Django ORM to facilitate the migration and integration of data, which enhanced data processing speed by 10%.
- Implemented different digital network advertising zones on the website, resulting in a 30% increase in monetization.
- Enhanced user interactivity with JavaScript, boosting page engagement by 20%.

Education

Douglas College

New Westminster, B.C., Canada

Post Degree Diploma in Information and Communication Technology

May 2023 – April 2024

- **GPA:** 4.18/4.33
- **Dean's List:** 3 Semesters

Kharazmi University

Tehran, Iran

Master of Business Administration (M.B.A.)

Sept. 2015 – July 2017

- **GPA:** 3.70/4.00 (17.77/20.00)

Sharif University of Technology

Tehran, Iran

B.Eng. in Software Engineering

Sept. 2009 – Sept. 2014

- **Thesis:** Designing a web-based portal for locating service centers in Tehran using .NET & ArcGIS Framework.