PIROOZ EKHTIYARI

Burnaby, B.C., Canada

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Skills

Languages: Java, Python, JavaScript, SQL

Frameworks: Django, Spring Boot, Express.js

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

Work Experience

Software Engineer (Back-End Engineer)
Olyns (Environmental Company)

Burnaby, B.C., Canada
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.
- Resolved issues within the existing GitHub Workflow and optimized the build and deployment time by 3 minutes.
- Created comprehensive documentation for a Terraform project, which used the Terragrunt wrapper.

Business Analyst
Tapsell (Digital Advertising Network Agency)

Tehran, Iran
July 2018 – March 2023

- 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, amplifying contract value by 15%.
- Reduced average customer support response time from 8 to 4 minutes by enhancing technical process efficiencies.
- Enhanced customer satisfaction ratings from 83% to 87% in surveys by refining goals during sprint planning.
- Supported mobile application partners by providing expert consultancy on monetization strategies.

Software Engineer (Back-End Engineer)
Ponisha (E-commerce Platform)

Tehran, Iran
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
Post Degree Diploma in Information and Communication Technology

New Westminster, B.C., Canada
May 2023 – April 2024

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

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

Tehran, Iran
Sept. 2015 – July 2017

Sharif University of Technology
B.Eng. in Software Engineering

Tehran, Iran
Sept. 2009 – Sept. 2014