

MAHRI ILMEDOVA



<https://ilmedovamahri.dev> Full-stack software engineer

LinkedIn:

<https://linkedin.com/in/mahri-ilmedova> I am an experienced and self-motivated software engineer dedicated towards achieving goals. I enjoy collaborating and contributing to open-source projects, and being a part of teams and communities that push the boundaries of what's possible. I have contributed to many open-source projects including projects by Meta OpenSource (Docusaurus, ReactJS), Traccar (traccar), home-assistant (core).

EDUCATION

Master of Computer Science

United States

Aug 2023 – Expected: Jun 2025

Maharishi International University

Bachelor of Software Engineering

Turkmenistan

Aug 2015 - May 2019

International University of Humanities and Development

SKILLS

Programming Languages

Python | Go | JavaScript

Cloud

AWS | Linux | Docker

Databases

MySQL | Postgres | MongoDB

Frameworks

Flask | Gin | Laravel | Node.js | Express

Client-side

ReactJS | Tailwind | HTML | CSS

Design Patterns

TDD | DDD | Observer | Strategy | State | Builder | Factory

EXPERIENCE

Senior Software Engineer, OGD Solutions

Mar 2023 – Sep 2023

- Built and maintained a dating platform with real-time messaging, serving over 10 million users across Europe using Python and Go.
- Implemented third-party API integrations for payments and for sending sms, email, push notifications.

Full Stack Software Engineer, TPS Advertising Agency

Aug 2019 – Mar 2023

- Proposed and engineered custom SMS sending microservice using Python, reducing recurring monthly cost by nearly 60% for all projects that included SMS verification for the user authentication.
- Implemented web service for video streaming for the national TV channel of Turkmenistan using Go, used Ffmpeg to convert and compress videos which significantly reduced video load time by more than 30%.
- Constructed and maintained microservices using Laravel, Flask and Gin frameworks in collaboration with cross-functional teams for Ride hailing, car rental applications and mass media platforms.
- Created Progressive Web Apps (PWAs) using ReactJS, NextJS and Tailwind to provide users with seamless and modern user experience.

Junior Software Engineer part-time, TPS Advertising Agency

Apr 2018 – Aug 2019

- Automated data retrieval by web scraping using Python, Selenium, and BeautifulSoup to auto-insert data into an ecommerce application from third-party websites.
- Migrated a legacy codebase REST API project to Flask application to support easy maintenance and added new features.
- Designed and implemented scalable e-commerce solutions using Laravel and ReactJS.

OPEN SOURCE PROJECTS

- <https://github.com/ilmedova/chattle> - enables instant chat widget for users and chat panel for admin/operator. 50+ stars on Github.
- https://github.com/ilmedova/stock_prices_alert - real time stock price tracking app
- <https://github.com/ilmedova/modem-sms-sender> - a python script that connects to USB modem and listens to the websocket channel to send SMS upon receiving the event.

LEADERSHIP AND HONORS

- RoboRave Turkmenistan 2017 – Grand prize winner
- RoboRave Asia 2017, Beijing, China – 1st place at “Innovate Challenge”
- 2015-2017 – President of Engineer’s Club at IUHD university