

# Mahri Ilmedova

**Software engineer** currently located in Irvine, CA. Open for relocation.

An independent and self-motivated hardworking individual dedicated towards goals. I am turning ideas into code and transforming complex problems into elegant, efficient solutions.

Website: <https://ilmedovamahri.dev>

Github: <https://github.com/ilmedova>

Email: [ilmedovamahri2@gmail.com](mailto:ilmedovamahri2@gmail.com)

## EDUCATION

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### Master of Computer Science

Maharishi International University

**Aug 2023 – Expected: Jun 2025**

Fairfield, IA, USA

### Bachelor of Software Engineering

International University of Humanities and Development

**Aug 2015 - May 2019**

Ashgabat, Turkmenistan

## SKILLS

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### Programming Languages

Python | PHP | Go | Java | JavaScript

### Databases and Caching

MySQL | MSSQL | Postgres | MongoDB | GraphQL

### Frameworks

Flask | Laravel | CodeIgniter | Symfony | Node.js | Express | Spring

### Front-end

ReactJS | HTML | CSS | jQuery | Bootstrap | Tailwind

### Cloud

AWS | GCP | Linux | Docker

### Design Patterns

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

## EXPERIENCE

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### Senior Software Engineer, **OGD Solutions**

**Mar 2023 – Sep 2023**

- Built and maintained a dating platform that serves over 10 million users across Europe using Python, Flask and Go for building video streaming functionality in the platform.
- Proposed and implemented Business Intelligence tool developed in Java and Spring, used advanced SQL queries, achieving 54% profit increase.
- Created 20+ seamless ui interfaces and adaptive pages using HTML, CSS, JavaScript, ReactJS and Angular.

### Full Stack Software Engineer, **TPS Advertising Agency**

**Aug 2019 – Mar 2023**

- Proposed and engineered custom SMS verification microservice using Python, reducing costs by 64%.
- Implemented web service video streaming for national TV channel of Turkmenistan using Go, used Ffmpeg to convert and compress videos which significantly reduced video load time by more than 70%.
- Constructed robust REST APIs using PHP (Laravel) and Python (Flask) for car rental, property management, ERP and CRM systems, e-commerce platforms and ride hailing apps.

### Junior Software Engineer part-time, **TPS Advertising Agency**

**Apr 2018 – Aug 2019**

- Developed a web scraper using Python, Selenium, and BeautifulSoup to scrap data, achieving 95% data accuracy.
- Migrated 3 legacy codebases to Laravel PHP applications, increasing project completion rate by 30%.
- Designed and implemented scalable e-commerce solutions using PHP, Laravel and Magento.

## LEADERSHIP AND HONORS

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

## OPEN SOURCE PROJECTS

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- [chattle – composer package for Laravel](#)  
Enables instant chat widget for users and chat panel for admin/operator. **48 stars on Github.**
- [Property reservation system](#)  
Property reservation system similar to booking.com
- [modem SMS sender script](#)  
SMS sender script that connects to USB modem and listens to websocket channel,