Mahri Ilmedova

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EDUCATION

Master of Computer Science, Maharishi International University   Feb 2024 - Expected Jun 2025
Bachelor of Programming the Computer Systems, IUHD   Aug 2015 - May 2019
- 2015-2017 – President of Engineer's Club
- Feb 2017 – competed and won 1st place in an international robotics competition "RoboRave Asia 2017" in Beijing, China. Led a team in developing remote controlled sensoric robot for space travels

WORK EXPERIENCE

Senior Software Engineer   Feb 2023 – Aug 2023

"OGD Solutions"   Tallin, Estonia

• Implemented Agile methodologies in building and delivering a scalable dating platform with real-time chat system, serving 1 million users, using PHP, CodeIgniter, Web Sockets and Python.
• Maintained existing codebase, complex technology infrastructure and collaborated with cross-functional teams to implement new features and strategically plan for future products, leading to streamlined workflows and a 20% improvement in development efficiency.
• Crafted and deployed an AI chatbot using Python, LangChain, LLMs and TensorFlow, processed user data using Pandas, NumPy and Matplotlib to analyze and perform data analysis, achieving profit increase by 54% from the analysis of visualized insights.

Full Stack Software Engineer   Aug 2019 – Feb 2023

"TPS Advertising Agency"   Ashgabat, Turkmenistan

• Constructed robust REST APIs using PHP and Python for more than 30+ projects and documenting using OpenAPI specifications.
• Engineered company's most successful project: a real-time SMS application in Python with Web Sockets for on-demand SMS services and secure user authentication, reducing cost for all company's projects using user authentication by 70%
• Collaborated with cross-functional units in building enterprise web applications and microservices leveraging PHP (Laravel, Lumen) and Python (Flask, FastAPI), HTML, CSS, JavaScript for e-commerce, CRM, ERP, and reduced time-to-market by 20%.

Junior Web developer (Intern)   Apr 2018 – Aug 2019

"TPS Advertising Agency"   Ashgabat, Turkmenistan

• Spearheaded the successful design and implementation of scalable e-commerce solutions incorporating PHP for back-end and ReactJS for front-end, enhancing the website performance by 25%.
• Orchestrated successful migration of 3 legacy code to Laravel – PHP applications, delivered production-ready solutions that increased project completion rate by 30%
• Automated data retrieval processes using Python, Selenium, and BeautifulSoup, streamlining the collection of product information and reviews in e-commerce app resulting in 95% of data accuracy.

Junior Full-stack Web developer (Intern)   Sep 2017 – Apr 2018

"Ide-al Digital Services"   Ashgabat, Turkmenistan

• Collaborated with 2 engineering teams on domain, design and testing for 6+ projects.
• Architected, developed and deployed high-performing e-commerce solutions with PHP and Laravel, achieving a 20% website performance increase.
• Successfully migrated 2 legacy applications from .NET to Laravel, enhancing flexibility, performance, and maintainability.

OPEN-SOURCE PROJECTS AND CONTRIBUTIONS

chattle – PHP package that can be installed to any PHP project using composer, to enable instant customer support messaging platform within the application. [https://packagist.org/packages/ilmedova/chattle]
ml-fun – a set of Python scripts and Jupyter Notebooks with solutions for real-world applications of AI and Machine Learning in computer vision and chatbots using LangChain, LLMs, Tensorflow, Keras, OpenCV, Pandas and NumPy. [https://github.com/ilmedova/ml-fun]