NIJAT MAMMADOV

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A Software Engineer with 8+ years of experience. Worked on various domains including e-commerce, third-party ads software, parcel management software, cryptocurrency solutions, travel management, document processing with AI, banking etc.

PROFESSIONAL EXPERIENCE

Luxoft – *Senior Software Engineer*   Sep 2024 – Oct 2025
● Worked as a contractor for a leading U.S. bank in a Senior Software Engineer role
● Participated in code reviews and refactoring of legacy codebases to enhance maintainability and efficiency
● Added unit test cases with coverage rate higher than 80%
● Built the simulation tool for Basis Weight Index
● Helped to integrate Open Risk Engine which would eventually replace paid FinCad software
● Participated in building asynchronous periodical tasks

EY GDS – *Senior Technical Lead*   Sep 2023 – Sep 2024
● Worked as a contractor in Tech Lead role in the U.S.-based medical company. Designed the entire architecture of the codebase. Collaborated with front-end and back-end developers by delegating tasks, and ensured comprehensive test case development.
● Worked on an internal AI document project. Upgraded outdated dependencies and Python version, added linting and formatter tools to the pipeline. General bug fixes and minor features. Refactored messy code to PEP8 standard.

EPAM Systems – *Software Engineer*   May 2022 – Sep 2023
Helped to build a platform aimed to provide travel bookings for corporates. Created blueprint of the project for wiki. Integrated DataDog in every part of the code for better debugging. Performing code reviews to ensure consistency and quality. Participating in pair programming with team members to maintain and improve code. Wrote test cases (unit & integration). Helped to optimize raw SQL queries. Got rid of the unnecessary heavy queries.

MyCointainer – *Senior Engineer*   Apr 2021 – Apr 2022
● Helped to create new microservices & supported existing ones
● Implemented asymmetric encryption
● Created SSO for micro services (using JWT)
● Integrated Swagger.

Labrin – *Senior Engineer*   Feb 2020 – May 2020
● Became part of Starex.az's development team. Added new features
● Created new asynchronous back end tasks. Added event listeners (Django Signals). Added middlewares.
● Integrated Django Jet interface

Adviad – *Senior Full Stack Developer*   Dec 2018 – Feb 2020; Dec 2020 – Feb 2021
● Added various targeting options including age and gender
● Integrated payment, Facebook Ads, Google Ads APIs
● Built the entire front-end from scratch with Vue.js
● Code refactoring

Aybax – *Senior Full Stack Developer*   Jul 2017 – Dec 2018

- Built the entire project from scratch
- Designed the DB structure
- Built UI and back-end
- Integrated 3rd party APIs (including payment systems)
- Integrated memcache, imagemagic, lazy-load

TECHNICAL SKILLS

Python *(Django/DRF, Flask, FastAPI, Celery)* | Go *(Skill development)* | RDBMS *(Postgre, MySQL, SQLite)* | NoSQL *(ElasticSearch, MongoDB)* | DB design *([De]normalization, Query optimization)* | DevOps *(Docker, CI/CD)* | Cloud *(AWS EC2/S3, GCP Vision OCR, Azure OCR)* | API *(Google/Facebook Ads, Payment etc.)* | JS *(VueJS, Node.js (Express), Socket.io)* | PHP *(Vanilla, CodeIgniter)*

EDUCATION

BA Computer Sciences   2015-2019
Azerbaijan Technical University
MA Computer Engineering   2021-2022
Vistula University