



## SENIOR BACKEND SOFTWARE ENGINEER (PYTHON)

I am an experienced Software Developer working in the industry since 2014. My main focus is designing, building and maintaining applications in Python but also skilled in frontend development and other areas. Looking for new opportunities, interesting projects and great teams.



## TECH SKILLS

- PYTHON (DJANGO, DJANGO REST FRAMEWORK, FLASK, AIOHTTP)
- (REACT, ANGULARJS)
- (HTML/CSS/SASS, BOOTSTRAP)
- (POSTGRESQL, MYSQL, MONGODB)
- (AMAZON WEB SERVICES, GOOGLE CLOUD PLATFORM)
- DOCKER, PIPENV, ANSIBLE, TRAVIS CI
- GIT VCS TOOLS WITH GITHUB/GITLAB

## PORTFOLIO

### PROJECT #1

#### SOFTWARE DEVELOPMENT COMPANY

June 2022 – now

- IMPLEMENTING AND MAINTAINING APIS IN DJANGO, DJANGO REST FRAMEWORK FOR INTEGRATION WITH CLOUD SOLUTIONS
- DISCOVERING CLOUD PLATFORMS SDKS AND APIS TO ANALYZE, PROCESS AND TRANSFORM DATA - GCP, AWS, AZURE, ETC. DESIGNING AND OPTIMIZING DATABASE STRUCTURE - MYSQL, POSTGRESQL OPERATED WITH DJANGO ORM
- SETTING UP ENVIRONMENTS, DEPLOYING SCRIPTS, DEVELOPER TOOLS FOR TEAM USAGE - DOCKER, ANSIBLE, TRAVIS CI
- DEVELOPING INTEGRATION AND UNIT TESTS - DJANGO TEST, UNITTEST, PYTEST
- PERFORMING CODE REVIEWS AND PARTICIPATING IN TECHNICAL DISCUSSIONS

### PROJECT #3

#### SOFTWARE DEVELOPMENT COMPANY

September 2019 – June 2022

- WRITING BACKEND OF WEB APPS IN PYTHON WITH DJANGO REST FRAMEWORK, FLASK, AIOHTTP
- DEVELOPING DESKTOP APPLICATION WITH ELECTRON FOR END USER ACCESS TO BASIC FRAMEWORK FUNCTIONALITY
- MAKING ARCHITECTURAL DECISIONS AND CHOOSING TECHNOLOGIES FOR NEW PROJECTS

#### PROJECT #4

##### **SOFTWARE DEVELOPMENT COMPANY**

December 2017 – June 2019

- PERFORMING FRONTEND WORK ON REACT-BASED INTERFACES INCLUDING LAYOUT MAKING
- COVERING FUNCTIONALITY WITH INTEGRATION AND UNIT TESTS
- SETTING UP BUILDING AND DEPLOYMENT OF APPLICATIONS
- CONFIGURING ENVIRONMENTS AND APPS INFRASTRUCTURES (DOCKER, PIPENV, TOX, GITHUB ACTIONS ETC.)
- PARTICIPATING IN LONG TERM PLANNING, ARCHITECTURE DISCUSSIONS AND PRESENTATIONS

#### PROJECT #5

##### **SOFTWARE DEVELOPMENT COMPANY**

December 2016 – December 2017

- LEADING DEVELOPMENT OF A PROJECT MANAGEMENT TOOL
- DESIGNING THE APPLICATION, WRITING BACKEND IN DJANGO/DJANGO REST FRAMEWORK AND FRONTEND IN REACT
- SETTING UP THE ENVIRONMENT AND PLANNING DEVELOPMENT PROCESS
- DEVELOPING A MOVIE STREAMING SERVICES AND ONLINE CINEMAS AGGREGATOR IN A TEAM
- DESIGNING AND DEVELOPING REST API WITH DJANGO REST FRAMEWORK, OPTIMIZING DATABASE MODELS
- ALSO MAINTAINING, REFACTORING AND UPGRADING PROJECT COMPONENTS, PERFORMING DEV-OPS WORK WITH DOCKER, AWS, JENKINS, PARTICIPATING IN WEEKLY PROCESS PLANNING

#### PROJECT #6

##### **SOFTWARE DEVELOPMENT COMPANY**

December 2016 – December 2017

- DEVELOPING A TOOL FOR COMPANY'S INTERNAL USAGE
- BACKEND AND PARSING WORK IN PYTHON3 (ASYNCIO, AIOHTTP)
- DATABASE WORK (MONGODB WITH PYMONGO, POSTRESQL)
- FRONTEND IN ANGULARJS

#### PROJECT #6

##### **SOFTWARE DEVELOPMENT COMPANY**

2014 – 2016

- DEVELOPING A CLIENT-SIDE PART OF 3D PRINTERS CLOUD OPERATING SYSTEM IN PYTHON

## LANGUAGES

- ENGLISH - UPPER INTERMEDIATE

## EDUCATION

- NATIONAL UNIVERSITY OF "KYIV-MOHYLA ACADEMY, PHYSICS AND MATHEMATICS, 2009 – 2014
- NATIONAL TECHNICAL UNIVERSITY OF UKRAINE "KPI", SYSTEM ENGINEERING, 2014 – 2018