



BACKEND SOFTWARE ENGINEER (PYTHON)

I have over 6 years of experience in software development using Python. During that period, I took part in a number of projects and was involved in the following activities: team leading, requirements analysis, development, issues monitoring and detection using special services, performance improvement, customer support, application stress testing, web application development.

I have expertise in DevOps activities using Kubernetes, Helm, Docker. CI/CD setup leveraging GitLab and Jenkins. As for the Cloud technologies, I've got practical knowledge in AWS, GCloud.

Besides my backend development experience, I have some practical knowledge in the development of client applications using ReactJS, React Native, Android, Java.



TECH SKILLS

- PROGRAMMING PARADIGMS: OBJECT ORIENTED PROGRAMMING, DATA STRUCTURES, DESIGN PATTERNS
- PROGRAMMING LANGUAGES: PYTHON, JAVASCRIPT
- WEB DEVELOPMENT: DJANGO, FLASK, REACT, REACT NATIVE, HTML, CSS, TWITTER BOOTSTRAP, JS/JQUERY, AJAX, JSON WEB SERVERS: NGINX
- DATABASES: SQL, POSTGRESQL, MYSQL, NOSQL (REDIS), TIME SERIES DATABASES (INFLUXDB).
- DATA SCIENCE LIBS: PANDAS, NUMPY
- TECHNOLOGIES: DOCKER, KUBERNETES, HELM, CI/CD, AWS, GCLOUD
- SOURCE CODE CONTROL: GIT
- MONITORING TOOLS: KIBANA, PROMETHEUS, SUMOLOGIC, DATADOG
- PLATFORMS: MAC OS, LINUX (UBUNTU), MICROSOFT WINDOWS.

PORTFOLIO

PROJECT #1

SOFTWARE DEVELOPMENT COMPANY

November 2018 – Present

PROJECT: EMAIL SECURITY

- TEAM LEADING
- SOFTWARE DEVELOPMENT PROCESS PLANNING
- ARCHITECTURE DESIGN
- DEVELOPMENT
- CI/CD PIPELINE CREATION
- DEVOPS ACTIVITIES
- MS GRAPH API INTEGRATION

PROJECT: INTERNAL AI PLATFORM FOR DATA SCIENTISTS

- CREATION OF THE AI/ML PLATFORM BEING USED BY INTERNAL EMPLOYEES
- CREATING PYTHON LIBRARIES THAT SIMPLIFY THE USAGE OF DIFFERENT DATA SCIENCE LIBRARIES/TOOLS • INTEGRATION WITH DKUBE
- CREATING KUBEFLOW PIPELINE COMPONENTS BEING DEPLOYED IN DKUBE

PROJECT #2

SOFTWARE DEVELOPMENT COMPANY

October 2017 – November 2018

ENVIRONMENT:

FLASK, FASTAPI, DJANGO, AIOHTTP, CELERY, KUBERNETES, HELM, DOCKER, GITLAB, AWS (EKS, EC2, SQS, RDS, CLOUDFRONT ELASTICCACHE, KINESIS, ETC), INFLUXDB, MICROSERVICES/SOA, NUMPY, PANDAS, PYTEST, VOLT, DRONECI, DATADOG, TERRAFORM.

- ESTIMATION OF THE APP DEVELOPMENT RESOURCES AND TIMELINES
- SERVER-SIDE DEVELOPMENT AND DB DESIGN
- COMMUNICATING WITH CUSTOMERS
- UNIT TESTS
- INTEGRATION WITH OTHER SERVICES OF THE PLATFORM
- BUSINESS TRIP TO US

MAJOR ACHIEVEMENTS:

- PROJECT ERP. TOOK PART IN THE DEVELOPMENT OF BACKEND FOR THE ERP WEB APPLICATION FOR THE FULL CYCLE OF EVENING DRESS PRODUCTION AND SALE
- PROJECT DEAL ANALYZER MVP. PARTICIPATED IN THE DEVELOPMENT OF THE WEB APP SERVICE FOR CUSTOMER'S DEALS MANAGEMENT INCLUDING CALCULATION OF ITS PROFITABILITY, MANAGING OF THE APPROVAL PROCESS

ENVIRONMENT:

FLASK, DASH, ODOO, SQLALCHEMY, DOCKER, GIT, PYTEST

PROJECT #3

SOFTWARE DEVELOPMENT COMPANY

August 2016 – October 2017

- DEVELOPMENT OF API FOR FULFILLMENT SERVICE.
- STRESS TESTING OF API USING LOCUST TOOL.
- DEPLOYMENT OF API USING ANSIBLE AND AMAZON CLOUD SERVICES
- SUPPORTING OF API USING SUCH SERVICES LIKE SUMOLOGIC, LOGICMONITOR
- L3 SUPPORT OF THE SERVICES
- SQL QUERIES PERFORMANCE OPTIMIZATION

MAJOR ACHIEVEMENTS:

- WAS INVOLVED IN THE EDI COMPLIANT SERVICE FOR MANAGING DOCUMENTS CONNECTED WITH THE WORKFLOW PROCESS BETWEEN VENDORS AND CUSTOMERS
- ZERO DOWNTIME ONLINE DB SCHEMA MIGRATION DUE TO INDEX TYPE OVERFLOW
- NO INCIDENTS IN APPLICATION OPERATION DURING BLACK FRIDAY DUE TO HIGH LOAD ON THE SYSTEM

ENVIRONMENT:

DJANGO, FLASK, CELERY, SQLALCHEMY, REDIS, LOCUST, AWS (EC2, RDS, ELASTICCACHE, ROUTE53, ETC)

PROJECT #4

OUTSTAFF COMPANY

March 2016 – August 2016

- ANDROID CLIENT APP DEVELOPMENT
- FRONTEND WEB APP DEVELOPMENT
- 3D PARTY INTEGRATION

MAJOR ACHIEVEMENTS:

- MOBILE CALLING SOLUTION FOR SALES AND SUPPORT TEAMS. PARTICIPATED IN CREATION OF A SINGLE PAGE WEB APPLICATION BUILT ON REACTJS
- IMPLEMENTED ANDROID BASED APPLICATION IN A REACT NATIVE FRAMEWORK
- INTEGRATED WITH TWILIO VOIP CONNECTION PROVIDER
- CREATED MULTIPLE REACT NATIVE COMPONENTS THAT WERE IMPLEMENTED USING ANDROID SDK
- IMPLEMENTED ANDROID CUSTOM BACKGROUND SERVICE FOR THE INCOMING CALLS

ENVIRONMENT:

REACTJS, REACT NATIVE, JAVA, ANDROID

PROJECT #5

ADVERTISING AGENCY

September 2015 – March 2016

- SERVER-SIDE DEVELOPMENT
- DB ARCHITECTURE
- CLIENT APP DEVELOPMENT (TV APPLICATION)
- FRONTEND WEB APP DEVELOPMENT
- DEPLOYMENT OF SERVER APPLICATION

MAJOR ACHIEVEMENTS:

- PARTICIPATED IN THE DEVELOPMENT OF A SYSTEM FOR CREATION, ORGANIZATION AND DISTRIBUTION OF CONTENT (VIDEO, IMAGES, YOUTUBE, HLS-VIDEO, WEBPAGE, TEXT CONTENT) ON DIGITAL MONITORS BASED ON WEBOS OPERATING SYSTEM
- DEVELOPED A VIDEO-WALL FEATURE WITH THE AUTOMATIC CROPPING AND SYNCHRONIZATION PLAY OF THE VIDEO CONTENT

ENVIRONMENT:

PYTHON, DJANGO, MYSQL, DOCKER, MERCURIAL, JAVASCRIPT, JQUERY, CSS/HTML, MATERIALIZE

PROJECT #6

SELF-EMPLOYED

September 2014 – September 2015

- SERVER-SIDE DEVELOPMENT
- DEPLOYMENT OF SERVER APPLICATION
- FRONTEND DEVELOPMENT

MAJOR ACHIEVEMENTS:

- INTERFACE FOR ATM-BASED ON WEB. TOOK PART IN THE DEVELOPMENT OF A MODULE FOR USER AUTHORIZATION IN A SYSTEM DEVELOPED VIDEO-WALL FEATURE WITH THE AUTOMATIC CROPPING AND SYNCHRONIZATION PLAY OF THE VIDEO CONTENT
- PARTICIPATED IN DEVELOPMENT OF A WEB APPLICATION FOR PERSONAL INFORMATION MANAGEMENT . DEVELOPMENT OF MODULE FOR RECRUITING PROCESS MANAGEMENT
- DEPLOYMENT OF WEB SERVER IN CONJUNCTION OF NGINX+UWSGI
- DEPLOYMENT OF WEB APP ON THE HEROKU PLATFORM

ENVIRONMENT:
PYTHON, DJANGO, POSTGRESQL JAVASCRIPT, JQUERY,
CSS/HTML, BOOTSTRAP

LANGUAGES

- ENGLISH - UPPER INTERMEDIATE

EDUCATION

- THE NATIONAL AVIATION UNIVERSITY, BACHELOR OF CIVIL ENGINEERING (SEPTEMBER 2008 – JUNE 2011)
- THE NATIONAL TECHNICAL
- UNIVERSITY OF UKRAINE «KYIV POLYTECHNIC INSTITUTE», BACHELOR OF INSTRUMENT ENGINEERING (SEPTEMBER 2001 – FEBRUARY 2008)