



LEAD SOFTWARE ENGINEER

I have more than ten years of experience in IT industry and web-development. During this time, I have been involved in a number of commercial software projects, business applications with Web-based and Client-Server technologies. I have designed and developed components for single-page applications of various size and technological stack, created desktop, mobile and adaptive layout designs. I successfully completed several projects, which gave me good experience in various areas of software engineering. Previously I worked as software developer but for a quite some time now I held position of a team-lead.



TECH SKILLS

- JAVASCRIPT/TYPESCRIPT
- REACT/REDUX
- ANGULAR.JS
- JQUERY
- SASS/SCSS/LESS
- MYSQL
- POSTGESQL

PORTFOLIO

SOFTWARE DEVELOPMENT
Aug 2019 - Sep 2022

TEAM-LEAD / SENIOR SOFTWARE ENGINEER CLOUD-BASED CONSTRUCTION SOFTWARE

THE PLATFORM CONSISTED OF A CLOUD-BASED BACKEND MONOLITH WRITTEN IN RUBY AND A MULTITUDE OF MICRO-FRONTEND APPLICATIONS BUILT WITH REACT AND TYPESCRIPT, WHICH WERE CONNECTED BY THE REST API LAYER. IN THE BEGINNING, WE DEVELOPED FROM SCRATCH SEVERAL TOOLS THAT WERE A PART OF FINANCE. THIS GAVE ME HANDS-ON EXPERIENCE AND A GOOD UNDERSTANDING OF A CLIENT'S PLATFORM. THEN I SWITCHED TO THE COMPONENTS SQUAD, WHOSE PRIMARY TARGET WAS TO DEVELOP AND MAINTAIN THE REACT COMPONENTS LIBRARY (SIMILAR TO REACT BOOTSTRAP OR MATERIAL UI). IT WAS BOTH DEVELOPMENT OF NEW COMPONENTS AND UPGRADING THE OLD ONES TO THE NEW VERSIONS OF REACT (REWRITING COMPONENTS FROM THE OLD CLASS-BASED MODEL TO NEWER FUNCTIONAL COMPONENTS WITH HOOKS).

THIS TACKLED MULTIPLE CHALLENGES - COMPONENTS COMPOSITION, STYLING INTEGRITY ACROSS THE WHOLE PLATFORM, AND VERSIONING. AFTER THE NEXT TRANSFER, I WAS INVOLVED IN TWO ACTIVITIES SIMULTANEOUSLY: AS A PART OF THE SAFEGUARDS SECURITY TEAM WE SUPPORTED THE PLATFORM FOR VARIOUS SECURITY ISSUES (IMPLEMENTING NEW CSRF TOKEN STRATEGY, SESSION TIMEOUT FEATURE, MULTI-FACTOR AUTHORIZATION REDESIGN, ETC.) AND A RELATIVELY SHORT TERM PROJECT OF DEVELOPERS PORTAL REDESIGN, TO SUPPORT API CHANGELOG, THAT WAS AUTOMATICALLY PARSED FROM YAML FILES WRITTEN BY DEVELOPERS AND THEN STRUCTURED, FILTERED AND CATEGORIZED IN A SINGLE PLACE WITH A TIMELINE OF CHANGELOGS. DURING THIS WHOLE TIME, I WAS INVOLVED IN THE INTERVIEWING PROCESS FOR DIFFERENT TEAMS AND CONDUCTED INTERVIEWS FOR DEVELOPERS FROM DIFFERENT LOCATIONS

RESPONSIBILITIES:

- MICRO-FRONTEND ARCHITECTURE;
- CLIENT-SIDE APPLICATIONS ENGINEERING;
- USER INTERFACE DEVELOPMENT;
- TASK PLANNING AND PROJECT COORDINATION;
- CODE REVIEW;
- INTERVIEWING;
- MENTORING;
- COMMUNICATION WITH CUSTOMERS;

SOFTWARE DEVELOPMENT
Oct 2018 - Mar 2019

TEAM-LEAD / SENIOR SOFTWARE ENGINEER

SMART HOME AND ALARM SYSTEMS

DEVELOPMENT OF A WEB-BASED APPLICATION FOR SMART HOME, AN ADMIN TOOL WITH A COMPLEX AUTHORIZATION PROCESS, THAT GIVES ACCESS TO THE USER CABINET WITH THE POSSIBILITY OF MULTIPLE USER ROLES AND PRIVILEGES.

IT INCLUDED VIEW AND CONTROL FOR A MULTITUDE OF SENSORS, DETECTORS, AND INDICATORS, WATCHING VIDEO CASTS FROM INDOOR AND OUTDOOR CAMERAS AND MICROPHONES, FULL OF PARTIAL ALARM SYSTEM ARMING AND DISARMING. FOR THE CLIENT SIDE, WE USED REACT WITH TYPESCRIPT, REDUX, AND REDUX-SAGA, SERVER-SIDE WAS CUSTOMER OWNED.

RESPONSIBILITIES:

- CLIENT-SIDE APPLICATION ARCHITECTURE;
- USER INTERFACE DEVELOPMENT;
- SOFTWARE DESIGN;
- CODE REVIEW;
- TASK PLANNING AND PROJECT COORDINATION;
- COMMUNICATING WITH CUSTOMERS;

SOFTWARE DEVELOPMENT
Mar 2016 - Mar 2018

SENIOR / LEAD SOFTWARE ENGINEER
STRATEGICAL INTEGRATIONS AND ADD-ONS

WORKING ON FAST-TERM, QUICK-RELEASE PROJECTS TO CREATE AN INTEGRATION OF 2 OR MORE STRATEGIC PRODUCTS FOR DIFFERENT COMPANIES.
FOR THE CLIENT SIDE WE USED REACT WITH REDUX OR MOBX, THE SERVER SIDE WAS WRITTEN ON NODE WITH EXPRESS, POSTGRESQL WITH SEQUELIZE, AND TESTED WITH MOCHA.
WE WORKED DIRECTLY WITH PRODUCT-OWNER FROM SAN FRANCISCO AND HAD ALL MEETINGS AND DISCUSSIONS IN ENGLISH.
COMMUNICATION WITH CUSTOMERS, REQUIREMENTS CLARIFICATION, SPRINT ESTIMATION, AND CONDUCTING SPRINT DEMOS.

RESPONSIBILITIES:

- CLIENT-SIDE APPLICATION ARCHITECTURE;
- USER INTERFACE DEVELOPMENT;
- SOFTWARE DESIGNING;
- BUG FIXING AND REFACTORING
- CODE REVIEW;
- TASK PLANNING AND PROJECT COORDINATION

SOFTWARE DEVELOPMENT
Jan 2015 - Jan 2016

SOFTWARE ENGINEER
SMARTTV AND SMARTWATCH

WEB APPLICATIONS FOR TV AND SMART WATCH PLATFORM E.G. SETTINGS, FITNESS APP, AND TV GUIDE. INCLUDES UI LAYOUT DESIGN, DEVELOPMENT, BUGFIX, AND REFACTORING. WORKED CLOSELY WITH PROPRIETARY MVC FRAMEWORK ENYO, INCLUDING FRAMEWORK DEVELOPMENT. THE MAIN GOAL WAS TO CREATE CONSISTENT, SCALABLE, AND EASY-TO-MAINTAIN APPLICATIONS.

RESPONSIBILITIES:

- USER INTERFACE DEVELOPMENT;
- SOFTWARE DESIGNING;
- BUG FIXING AND REFACTORING
- CODE REVIEW;
- TASK ESTIMATION;
- TASK PLANNING AND PROJECT COORDINATION
- COMMUNICATING WITH CUSTOMERS;

SOFTWARE DEVELOPMENT
Nov 2013 - Jan 2015

SOFTWARE ENGINEER
AD SERVING AND AD MANAGEMENT

CRM PLATFORM FOR AD MANAGEMENT. CONFIGURED CUSTOMERS' AD TEMPLATES, AND DEVELOPED MULTIPLATFORM AND PLATFORM-ORIENTED AD TEMPLATES, INCLUDING VIDEO ADVERTISEMENTS. DESKTOP, MOBILE, AND ADAPTIVE LAYOUT DESIGN AND DEVELOPMENT, LANDING PAGES.

RESPONSIBILITIES:

- MULTIPLATFORM LAYOUT DESIGN AND PROGRAMMING;
- CONFIGURATION AND LAYOUT DESIGN FOR CMS WORDPRESS;
- VIDEO ADVERTISEMENTS;
- WORKING WITH PROJECT SCOPE AND TASK ESTIMATION;
- BUG FIXING AND REFACTORING;

SOFTWARE DEVELOPMENT
Oct 2011 - Nov 2013

SOFTWARE ENGINEER
DIGITAL COMMERCE PLATFORM

ALL STAGES OF DEVELOPMENT FOR A VARIETY OF CUSTOMERS. DURING THIS WORK, I TRIED DIFFERENT ROLES, INCLUDING PRODUCT SUPPORT, EXTENSION AND FEATURE IMPROVEMENT OF EXISTING COMPONENTS, CREATING LAYOUT DESIGNS, AND DEVELOPING OF NEW ONES. ACQUIRED BASIC KNOWLEDGE OF BACKEND PROGRAMMING. THE COMPANY SPECIALIZED IN CMS MAGENTO AND DEMANDWARE.

RESPONSIBILITIES:

- LAYOUT DESIGN AND DEVELOPMENT;
- IMPLEMENTATION OF RESPONSIVE WEB DESIGN;
- SUPPORT AND EXTENSION OF EXISTING PROJECTS;
- BACKEND PROGRAMMING
- TASK ESTIMATION;
- COMMUNICATING WITH CUSTOMERS;

LANGUAGES

- ENGLISH - UPPER INTERMEDIATE

EDUCATION

- B. SC. DEGREE IN COMPUTER INTEGRATED TECHNOLOGIES
- THE NATIONAL TECHNICAL UNIVERSITY OF UKRAINE "KYIV POLYTECHNIC INSTITUTE"
- DEPARTMENT OF CHEMICAL ENGINEERING