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Projects below include apps in frontend, backend, and SQL and NoSQL database

WORK EXPERIENCE

September 2011 - Present - Software Developer at NGT Group

Project Voix: Sound recording system

Project Role: IOS developer

Task Performed:

- Develop IOS Application using XCode and swift
- Develop Android application using Android Studio - Java

Project: Signify - Digital signing system

Project Role: software developer – backend and frontend

Tasks Performed:

- Take part and develop backend api for signify system
- Take part in developing and customizing frontend part of application
- Create automated reporting system for signify

Customer: TBC Bank

Project: TBC Digipass – IOS and Android

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze clients requirements and define program structure and business logic
- Create developer account for Android and ios
- Implement Application for Android platform
- Test Application.
- Present it to client.
- Upload it on Playstore
- Implement Application for ios.
- Test it
- Present it to client
- Upload it to Appstore

Project: Queue Management System - Service Point

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application - WEB
- Test Application.
- Present Application to Client

Project: Queue Management System – Integration with Signagelive system

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application - WEB
- Test Application.
- Present Application to Client

Customer Support.

Customer: Procredit Bank

Project: ProCredit Bank Mobile Token – IOS and Android

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze clients requirements and define program structure and business logic
- Implement Application for Android platform
- Test Application.
- Present it to client.
- Upload it on Playstore
- Implement Application for ios.
- Test it
- Present it to client
- Upload it to Appstore

Project: Queue Management System - Service Point

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application - WEB
- Test Application.
- Present Application to Client

Customer: Mrcheveli

Project: Queue Management System Service Point – Android

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application for Android platform
- Test Application.
- Present it to client.
- We do not upload this app in Playstore – we provide client directly with .apk file, which they install on their tablets

Customer: Kani

Project: Queue Management System – Information screen of Service Point – Android

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application for Android platform
- Test Application.
- Present it to client.
- We do not upload this app in Playstore – we provide client directly with .apk file, which they install on their tablets

Customer: Mardaleishvili Medical Center

Project: Queue Management System – Information screen of Service Point – Android

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application for Android platform
- Test Application.
- Present it to client.
- We do not upload this app in Playstore – we provide client directly with .apk file, which they install on their tablets

Projects: 1. Queue Management System – Custom implementation of Service Point application – web,
2. Custom Implementation of Entrypoint Application – WEB,
3. Doctra integration - WEB

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer Support

Customer: Bank of Georgia

Projects: 1. Queue Management System – Custom implementation of Service Point application - web
2. Custom Implementation of Entrypoint Application – WEB.
3. Integration with BOG Systems to issue personalized queue numbers when customer uses BOG Cards to take queue ticket

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: Evex

Projects: 1. Queue Management System – Custom implementation of Service Point application - web
2. Custom Implementation of Entrypoint Application – WEB.
3. Develop Custom Reports

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: MIA

Projects: 1. Queue Management System – Custom implementation of Service Point application - web
2. Custom Implementation of Entrypoint Application – WEB.
3. Develop Custom Reports
4. Develop custom live monitoring application for Queue Management System

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: Tbilisi City Hall

Projects: 1. Queue Management System – Custom implementation of Service Point application - web
2. Custom Implementation of Entrypoint Application – WEB.
3. Develop Custom Reports
4. Implement Online Booking Functionality
5. Develop Various helper applications and utilities

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer Support

Customer: APM Terminals Foti

Projects: 1. Queue Management System – Custom implementation of Service Point application - web
2. Custom Implementation of Entrypoint Application – WEB.
3. Integration with UNIS Door access system

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: AgroHub

Project: Queue Management System – Custom implementation of Service Point application - web

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: Aversi

Project: Queue Management System – Custom implementation of Service Point application - web

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: Beta Plus

Project: Queue Management System – Custom implementation of Service Point application - web

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: Camex

Projects: 1. Queue Management System – Custom implementation of Service Point application - web
2. Custom Implementation of Entrypoint Application – WEB.

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: Geocell

Project: 1. Queue Management System – Custom implementation of Service Point application – web
2. Integration With VOIX monitoring system -which is our own development

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: PSH – Public Service hall

Project: Queue Management System – Custom implementation of Service Point application - web

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client

Customer: Jerarsi

Projects: Queue Management System – Custom implementation of Service Point application and Entrypoint Application - web

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: Medex

Project: Queue Management System – Custom implementation of Service Point application - web

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: The Court

Projects: 1. Queue Management System – Custom implementation of Service Point application – web
2. Implement Online booking Functionality
3. Run Queue Management System on HTTPS
4. Implement SMS Notification Functionality

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

Customer: Azerbaijan Nikoil Bank

Projects: 1. Queue Management System – Custom implementation of Service Point application and Entrypoint applications – web
2. Implement Booking Functionality

Project Role: Lead Software Engineer, Lead Software Developer, Communication with client

Tasks performed:

- Analyze requirements and define program structure and business logic
- Implement Application
- Test Application.
- Present it to client.

September 2011 - Present - Software Developer at NGT Group

Reporting Tool: Public Service Hall / Curatio / Evex and many other clients

Project Role: Senior Developer

Task Performed:

- Develop NodeJS Application generates several different statistical information of Queue Management system

Customer Distribution Tool: Public Service Hall

Project Role: Senior Developer

Tasks Performed:

- Develop NodeJS application which monitors customer distribution in real time and also in real time decides in which area newly arrived should be transferred, so that overall load is evenly distributed and customer waiting time is minimized

Queue Management Configuration Tool: Public Service Hall / Curatio / Evex and many other clients

Project Role: Senior Developer

Tasks Performed:

- Develop NodeJS application which, based on client request, will allow us to perform relatively complex system reconfiguration, like renaming all queues, adding services, queues, adding/removing appointments, blocking holidays and so on.

Background Task Runner: Public Service Hall / Curatio / Evex and many other clients

Project Role: Senior Developer

Tasks Performed:

- Develop NodeJS application which is installed as windows service and performs various tasks in repeated manner. Repetition interval and tasks are configurable. The example of such tasks would be summarizing real time state of customer distribution for decision making system mentioned above

Reporting Tool: Signify

Project Role: Senior Developer

Task Performed:

- Develop NodeJS Application generates several different statistical information of Queue Management system

Meeting Room Management Soft - AlexCron: NGT Group

Project Role: Senior Developer

Tasks Performed:

- Develop NodeJS application using express.js server, which will talk to google calendar API and in real time display meeting room status information as well as all planned meetings for today on android information tablets. It has capacity of 500+ meeting rooms.

Meeting Room Management Soft – AlexCron Android App: NGT Group

Project Role: Senior Developer

Tasks Performed:

- Develop Android application with Ionic and android studio. The purpose of this app is to load information from AlexCron server app and display meeting room status accordingly

Integration with third party booking systems like Vabako: Develop integration infrastructure

Project Role: Senior Developer

Tasks Performed:

- Develop NodeJS applications, necessary to fully integrate Queue Management System with Vabako Booking Solution

Voix - backend: Develop and plan structure of backend API

Project Role: Senior Developer

Tasks Performed:

- Develop and plan structure of backend API for Voix Application Solution

Tool For examining students knowledge: Developed as part of my PhD

Project Role: Senior Developer

Tasks Performed:

- This tool presents student with multiple choice questions. On each run order of questions are shuffled. In the end student is presented with the number of correct answers.

ELearning – online learning: Develop online learning platform as part of my PhD

Project Role: Senior Developer

Tasks Performed:

- Develop online learning platform using MongoDB and express.js. This platform allows student to view lessons and experiment with html CSS and JavaScript right in browser and view their experiments in action!

Transpiller: Transpille Queue Management Internal Script to JavaScript

Project Role: Senior Developer

Tasks Performed:

- I have developed This transpiler using PEG Grammar Implementation for NodeJS. The community is very friendly and supportive.

Jairany: Personal Project – game for android system

Project Role: Senior Developer

Tasks Performed:

- Develop simple real time android game using react native
url: <https://play.google.com/store/apps/details?id=com.jairany>