SERGIU GHENCIU

Software Engineer

About me

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+44 7454 026160

London, UK

10+ years of IT experience. I have got strong technical knowledge of JavaScript, HTML5, CSS3, RESTful APIs, etc. I am creative, passionate, eager, and excited about what I do. I like new challenges on a daily basis and I enjoy my job since I have something new to learn each day about the latest programs and technologies in a rapidly changing environment.

Experience

Personal goal pursuit

Career Break - London, UK

May 2023 - Present

Shifted my focus on studying and understanding the Bible.

Front End Engineer/Pod Lead

Masabi - London, UK

June 2021 - May 2023

Worked on a cross-platform white-label app. Worked with different teams to gather the requirements and migrated some of the most important features to the new codebase. I then was given the Pod Lead role, completed the migration and delivered a new feature. I also worked with people and learned what were the challenges they faced regarding the release process and provided a solution on how we can continuously deliver a white-label app.

*Tools and technologies:* Angular, TypeScript, RxJs, Ionic, Capacitor, Cordova, iOS, Android, Jasmine, Jest, Nodejs, Bamboo Server, Swift, Objective C, Java

Staff Front End Engineer

Artﬁnder - London, UK

July 2020 - Feb 2021

Designed and implemented the dev environment for the frontend (monolithic-to-microservices migration). I then migrated artist and product pages to react while signiﬁcantly improved the performance of the pages. In parallel I helped interview people and build the tech team.

*Achievements*:

- Developed a proxy server that allowed me to develop the FE under any domain name while pointing to any API environment

- Designed and implemented an API mock system that allowed me to speed up the development and also to easily achieve a test coverage of 70%

- Migrated artist and product pages to react

- Increased the Performance from a score of 44 to 96

- Increased the Accessibility from a score of 80 to 97

- Increased the Best practices from a score of 64 to 79 (third-party libs drag it down) - Increased the SEO from a score of 75 to 91

*Tools and technologies*: NextJs, React, TypeScript, Jest, Enzyme, Bootstrap, Python, Foundation 5, VueJS

Senior Front End Engineer

Simply Business - London, UK

Dec 2019 - 2020

*Main responsibilities*:

- Worked in a cross functional team

- Developed AB tests

- Participated in discovery meetings providing technical support

*Achievements*:

- Developed the uniﬁed-qcp AB test

Senior Front End Engineer

Amalytics - London, UK

May 2017 - 2019

Worked closely with BA, BE and QA teams to understand the business requirements, to ensure a smooth integration with BE, as well as to fulﬁll the needs of QAs.

*Main responsibilities*:

- Ensured the technical feasibility

- Estimated the stories and contributed to the Road Map

- Decided which tools and technologies to use

- Designed and ensured the correct development and implementation of the application's modules

- Coordinated the frontend team in order to produce clean, maintainable and scalable code

- Ensured high performance on mobile and desktop

- Actively involved in problem-solving and actual coding

*Achievements*:

- Migrated the application onto the second version of the API

- Delivered CostLens, Remove Scenario and Migrate Scenario Modules

- Improved the appearance and responsiveness across all devices

- Improved the code quality by implementing ESLint and PrettierJS

- Decreased the build size from 664KB down to 257KB

- Reduced the deployment time from 5 minutes down to 24 seconds

*Tools and technologies*: Functional Programming, React, TypeScript, Ramda, D3.js, Jest, Enzyme, Materializecss, SASS, Autopreﬁxer, Prettier, ESLint, Webpack, Docker, RESTful API, JavaScript, VanillaJS, AngularJS, ES2015, ES6, ES7, NPM, Babel, RollupJs, Polyﬁll, HTML5, CSS3, Bootstrap, Material Design, GIT

Full Stack JavaScript Engineer

Thirteen Elements - Chisinau, Moldova

Mar 2013 - 2016

Worked on various projects involving both, FE and BE and third-party APIs such as Facebook and Google login and posting on people's feed.

*Main responsibilities*:

- Produced neat code according to software requirements

- Designed and developed RESTful APIs

- Integrated with third party applications and services

- Designed and developed intuitive, responsive and visually appealing user interfaces

- Ensured high performance on mobile and desktop

*Tools and technologies*: MongoDB, Express.js, AngularJS, Node.js, Karma, Jasmine, Mocha, Chai, Elasticsearch, jQuery, Anime.js, Bootstrap, Materializecss, OAuth 2.0, Common third-party APIs, RESTful API, JavaScript, VanillaJS, ES2015, ES6, Material Design, NPM, Gulp.js, Babel, Webpack, LiveReload, ESLint, Useref, HTML5, CSS3, SASS, Autopreﬁxer, Polyﬁll, GIT

Founder/CEO/Full Stack Developer

Casgon - Chisinau, Moldova

Mar 2010 - 2013

The company developed and launched a website that facilitated the sharing of lecture notes among students.

*Main responsibilities*:

- Designed and developed the website, both, FE and BE

- Designed and implemented the database

- Tested and veriﬁed links and functionality

- Installed and conﬁgured the web server

- Deployed the application

- Increased trafﬁc to the website via SEO

- Automated the deployment process

*Tools and technologies*: JavaScript, jQuery, HTML, CSS, PHP, MySQL, GIT, Apache, Nginx, UNIX, FreeBSD

Founder/CEO/System Administrator

Casgon - Chisinau, Moldova Dec 2005 - 2009

The company ran two activities, Computer store and Web & Gaming Cafes. Below, I am listing only those duties that I think have something to do with my career as a Software engineer.

*Main responsibilities*:

- Designed and implemented networks

- Installed and conﬁgured devices (computers, routers, printers)

- Installed operating systems, games and software

- Diagnosed and troubleshot issues

- Controlled access to services

- Assembled computers

*Tools and technologies*: Windows, BIOS, disk image, game patch

Education

Master’s Degree in Computer Science, Information Technology

Technical University of Moldova

2014 - 2016

Bachelor's Degree in Economics, Business Management

Academy of Economic Studies of Moldova

2003 - 2007

Baccalaureate Degree

Theoretical Lyceum, Sciences

2000 - 2003