

# VELISLAV GEROV

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## EXPERIENCE

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### Telebid Pro

Senior Software Developer — React, JavaScript, Perl, SQL

Sofia, Bulgaria

Jun 2019 - Jun 2021

- Researched and developed a new database architecture to extend the capabilities of our accounting system and facilitate the creation of new modules and extensions.
- Took ownership and developed a new full-stack project where I introduced new front-end technologies to develop reliable accounting interfaces that ran in fast-paced environments.
- Extended the project with a new application designed for a specific embedded system as well as an API for communication between our services and several hardware devices.
- Devised a plan and lead a junior developer through it to introduce him to the project, ensuring that he learned best practices whilst making performance and extensibility improvements.

Software Developer — JavaScript, Perl, SQL, Redis, Systemd

Sep 2018 - May 2019

- Improved, expanded, and took ownership of an existing project that constituted a set of distributed services, front-ends, and APIs and was an integral part of several different projects.
- Designed and implemented a service by following strict requirements to make data available for a regulatory compliance scheme that allowed our clients to operate in a new market.

Junior Software Developer — Python, JavaScript, Perl, SQL, Redis

May 2017 - Aug 2018

- As part of my onboarding I worked on a series of projects which include the development of an [HTTP Web Server](#) and an [Online Shop](#) which can be found via my [GitHub profile](#).
- Implemented a [Perl module](#) that produces JSON Patch (RFC6902) difference between two JSON inputs which was integrated into our back-end and open-sourced on my [GitHub profile](#).
- Extended the capabilities of an existing project by developing a framework for integrating mathematical models as well as the relevant operational business logic and interfaces.

## EDUCATION

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### University of Aberdeen

BSc Computing Science, Second Class Honours (Division One)

Aberdeen, Scotland

Sep 2012 - Nov 2016

Single Honours Computing Project — JavaScript, C#, ASP.NET MVC, NHibernate

- Worked with the Aberdeen City Council's Data Observatory Project in collaboration with Skills Development Scotland to create the initial dashboard for the [16+ Data Hub](#) portal.

Research Methods Project — Linux, Apache, MySQL, PHP, AWS EC2

- Conducted a comparative study of popular PHP microframeworks to evaluate their relative performance in a Cloud environment.

Software Engineering Team Project — C#, Unity, Linux, Apache, MySQL, PHP

- Collaborated with a team of students to develop a prototype for a 2D platformer game.
- Developed, deployed, and integrated the backend services which provided online capabilities.

## PROJECTS

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**Docxforms** — TypeScript, Next.js, React, Bootstrap, Prisma

[docxforms.herokuapp.com](https://docxforms.herokuapp.com)

Developed a tool to create web forms that fill and generate documents.

**Pattern Studio** — JavaScript, React, Fabric.js, Ant Design

[pattern-studio.herokuapp.com](https://pattern-studio.herokuapp.com)

Developed an experimental pattern creation and print tool.

**Domestico** — Magento2, Elasticsearch, Cloudinary

[domestico.bg](https://domestico.bg)

Contributed to development planning, configuration, deployment, testing, and optimizations.

## CERTIFICATES

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### Mathematics for Machine Learning

Specialization by Imperial College London on Coursera, Grade: 100.00%

Oct 2021

### Machine Learning

Course by Stanford University on Coursera, Grade: 100.00%

Jun 2021

### Agile Software Development

Course by Software University, Grade: 6.00/6.00

Mar 2020