

# VELISLAV GEROV

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## EDUCATION

### University of Aberdeen

BSc Computing Science, Second Class Honours (Division One)

Aberdeen, Scotland

Sep 2012 - Nov 2016

## EXPERIENCE

### Telebid Pro

Senior Software Developer

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 in order 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 a number of 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

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 integral part of a number of different projects.
- Designed and implemented a service by following strict requirements in order to make data available for a regulatory compliance scheme that allowed our clients to operate in a new market.

Junior Software Developer

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 in 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.

### Aberdeen City Council

Full-Stack Developer

Aberdeen, Scotland

Jul 2016 - Aug 2016

- As part of my Honours project in the University of Aberdeen I 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.

## TECHNOLOGIES

Programming Languages:	TypeScript, Python, Perl, SQL, Bash, C
Front-end Stack:	React, Material-UI, Bootstrap, Webpack
Back-end Stack:	Debian, PostgreSQL, Redis, Next.js
Cloud Environments:	GitHub, Heroku, DigitalOcean

## PROJECTS

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

<https://docxforms.herokuapp.com/>

A work in progress tool to create web forms that fill documents

**Pattern Studio** *JavaScript, React, Fabirc.js, Ant Design*

<https://pattern-studio.herokuapp.com/>

An experimental pattern creation and print tool

## CERTIFICATES

### Mathematics for Machine Learning

Specialization by Imperial College London on Coursera

Oct 2021

### Machine Learning

Course by Stanford University on Coursera

Jun 2021

### Agile Software Development

Course by Software University

Mar 2020