VELISLAV GEROV

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EDUCATION

University of Aberdeen Aberdeen, Scotland
BSc Computing Science, Second Class Honours (Division One) Sep 2012 - Nov 2016

EXPERIENCE

Telebid Pro Sofia, Bulgaria
Senior Software Developer 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 Aberdeen, Scotland
Full-Stack Developer 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.

SKILLS

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 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