VELISLAV GEROV

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EXPERIENCE

Walking on Earth   London, United Kingdom
Tech Lead — React Native, React, GraphQL, Python, Django, PostgreSQL, AWS   Jan 2024 - Present

- Directed strategic security planning and vendor analysis, recommending concrete security enhancements to strengthen our cloud, application, and endpoint security.
- Streamlined mobile app development, achieving increase in development velocity and cost reductions by shifting from outsourced to in-house development under stringent deadlines.
- Managed a team of engineers of diverse skill sets, enhancing project estimation and technical leadership while fostering an environment of accountability and growth.
- Boosted team morale and performance through continuous support and development opportunities, resulting in happier and more productive engineers.

Senior Full Stack Developer — React, GraphQL, Python, Django, PostgreSQL, AWS   Mar 2023 - Dec 2023

- Pioneered the integration of wearable devices, expanding the system's capabilities to include advanced biometrics features and further enhance user engagement and system functionality.
- Led a six-engineer team through a multi-month rebranding initiative, ensuring timely and high-quality deliverables that aligned with strategic business goals.
- Championed the integration of advanced monitoring solutions across our technology stack, significantly enhancing early problem detection and response capabilities.

Full Stack Developer — React, GraphQL, Python, Django, PostgreSQL, AWS   Jan 2022 - Apr 2023

- Owned and managed a suite of web applications, coordinating development efforts with outsourcing agencies to ensure high standards of quality and efficiency.
- Standardized development practices across teams, improving collaboration and project outcomes while securing infrastructure and hosting environments.
- Streamlined our infrastructure to enable automated service deployments, speeding up release cycles, reducing management overhead, and improving system scalability and reliability.
- Developed and launched an onboarding web experience that bridged the gap between web and mobile platforms, aligning user experiences across different mediums.

Telebid Pro   Sofia, Bulgaria
Senior Software Developer — React, JavaScript, Perl, SQL   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 <u>Perl module</u> that produces JSON Patch (RFC6902) difference between two JSON inputs which was integrated into our back-end and open-sourced on my <u>GitHub profile</u>.
- 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

University of Aberdeen — Aberdeen, Scotland
BSc Computing Science, Second Class Honours (Division One) — 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 <u>16+ Data Hub</u> 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

Docxforms — *TypeScript, Next.js, React, Bootstrap, Prisma* — docxforms.com
Developed a tool to create web forms that fill and generate documents.

Pattern Studio — *JavaScript, React, Fabirc.js, Ant Design* — pattern-studio.gerov.dev
Developed an experimental pattern creation and print tool.

Domestico — *Magento2, ElasticSearch, Cloudinary* — domestico.bg
Contributed to development planning, configuration, deployment, testing, and optimizations.

CERTIFICATES

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