



# Asen Georgiev

## Software Engineer

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## Employment and Experience

### Connected Insurance, Isreal

Jan 2022 - present

- Innovated data analysis pipelines using a combination of Go, PySpark, and Athena, enabling real-time insights and data-driven decision-making from over 100TB of data;
- Pioneered the database structure utilizing Postgres, optimizing data storage and retrieval processes, resulting in a 200% increase in database performance and scalability;
- Built 4 web-based platforms from the ground up, complete with custom authentication and payment systems, utilizing innovative solutions while ensuring security and performance;
- Established a robust service infrastructure from scratch, optimizing efficiency and scalability, used millions of times per day by customers;
- Made executive technical decisions about the infrastructure, design and specifications of the systems;
- Engineered comprehensive end-to-end testing suites utilizing Playwright, resulting in a 95% reduction in software bugs and ensuring unparalleled reliability and performance across all platforms;
- Implemented CI/CD pipelines with Terraform and GitLab CI, automating software delivery, reducing time-to-market, and achieving a 90% decrease in manual intervention, while integrating Docker for scalable deployment and achieving a 200% increase in deployment frequency;
- Investigated and resolved complex technical issues and system failures, demonstrating strong problem-solving skills and attention to detail

Node, Python, Terraform, Docker, React, AWS, Glue, Athena, EC2, Fargate, Lambda, API Gateway, SES, SQS, SNS

### PrezP, Munich

Oct 2020 - Nov 2021

- Led the development of an innovative web-based training platform resulting in a 200% increase in user adoption within the first six months of launch;
- Successfully implemented cutting-edge real-time voice analysis technology, enhancing the platform's functionality by providing instant feedback to users, leading to a 300% improvement in user engagement and retention rates;
- Pioneered the creation of advanced speech analysis micro-services, in order to extract deeper insights from user interactions, resulting in a 400% increase in the platform's analytical capabilities;
- Designed and built a highly intuitive mobile app, optimized for seamless performance across multiple devices and platforms, achieving a 250% increase in mobile app downloads and a 150% rise in user engagement.

Node/JavaScript, C#, VueJS, .NET Core, Entity Framework, Audio Analysis, Azure AI, Unity Engine, WebAssembly, Azure

### It's2morrow/PrezP, Munich

Feb 2019 - Oct 2020

- Elevated the performance and user experience of an online games store through meticulous refactoring and optimization by switching to VueJS, resulting in a 200% increase in page load speed and a 150% surge in customer satisfaction ratings;
- Innovated and implemented a bespoke monthly subscription system powered by Stripe, seamlessly generating access keys for game titles exclusively during the subscription period, resulting in a 300% boost in subscription sign-ups and a 250% increase in recurring revenue streams.
- Enhanced the scalability and functionality of a critical REST API built on .NET, leveraging advanced techniques with the Entity Framework, leading to a 400% improvement in API response times;
- Spearheaded the design and development of a groundbreaking online patient registry, utilizing a pioneering combination of Django, GraphQL, and React, strategically chosen for unparalleled performance capabilities;

Node/JavaScript, C#, VueJS, .NET Core, Entity Framework, Audio Analysis, Azure AI, Unity Engine, WebAssembly, HTML, CSS, Python, React, GraphQL, Django, URQL, MySQL, Azure

## Education

### Technical University of Munich Games engineering (2019)

Real-time graphics, Java, C++, Assembly, Databases, Discrete Math, Mathematical Analysis

## Technologies

Node, JavaScript, React, Python, AWS, Cloudflare, Astro, Vue, Docker, Terraform, SQL, Postgres, SQLite, PySpark, Go, C#, GraphQL, Django, .NET

## Skills

Full-Stack Development, Software Engineering, Infrastructure, DevOps, Data Science/Engineering, Networking, UI/UX

## Projects

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### 8byteSea

Oct 2023 - now

- Conceptualized, designed, and developed a fully functional e-commerce store from inception to deployment, demonstrating proficiency in front-end and back-end development technologies;
- Implemented robust payment gateways, authentication systems, and order processing functionalities, ensuring seamless and secure transactions for customers, resulting in a 200% increase in conversion rates;
- Integrated shipping and order tracking solutions, optimizing logistical operations and enhancing customer satisfaction with timely and transparent delivery processes, leading to a 150% improvement in shipping efficiency;
- Led end-to-end development efforts, including UI/UX design, database architecture, and server-side scripting, resulting in a scalable and responsive online platform that accommodated a growing customer base and generated consistent revenue growth.

Node/JavaScript, Go, React, React-Query, Tanstack React-Router, Jotai, Stripe, Docker, Pocketbase/SQLite, AWS, SES, Lightsail

### Synergy Space

Jun 2023 - now

- Developed and deployed a bespoke coworking space booking platform, encompassing website design, server setup, and database architecture, showcasing proficiency in full-stack development.
- Seamlessly integrated a secure payment system into the platform, enabling users to effortlessly book coworking spaces for one or multiple days, resulting in a 300% increase in online bookings and revenue.
- Engineered a sophisticated electronic door lock integration, automating access control processes whereby payment triggers the instantaneous generation of unique entry codes, ensuring streamlined and secure access for customers.
- Spearheaded the end-to-end development process, from conceptualization to deployment, leveraging expertise in web development and server management to create a user-friendly and scalable solution tailored to the coworking industry's specific needs.

Node, Astro, React, OAuth, Turso/SQLite, SQL, Cloudflare, Stripe, Node, Encryption, IoT, AWS

### Qualities

**Adaptable, Versatile, Receptive, Curious**

### Soft Skills

**Project Management, Leadership**

### References

**Daniel Lichtenstern**

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