Daniel Krastev
Software Engineer

Working across different aspects of products—from mobile to backend and web development—has provided valuable expertise and a broader perspective on software systems. My core strength lies in backend technologies, where I thrive on solving complex problems and delivering effective, reliable solutions.

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WORK EXPERIENCE

Full Stack Developer @ Hralupa (hralupa.bg & agency.hralupa.bg) | Own Project
July 2023 - December 2024

- Designed and implemented a scalable database schema to support multi-user roles and property listings.
- Developed a responsive front-end web application using SvelteKit and TailwindCSS.
- Implemented a cost-efficient, map-based search feature using MapLibre GL JS and PMTiles, enabling geospatial search.
- Integrated payment APIs (Stripe), email services (Brevo), and CAPTCHA solutions for secure and smooth user interactions.

Backend Engineer @ Thought Machine - London, UK | FinTech
July 2019 - December 2022

- Designed, developed, deployed, and monitored multiple microservices using Go, Python, gRPC, and Protobufs, supporting mission-critical banking systems.
- Leveraged Kubernetes, Docker, and Kafka to ensure scalable and reliable deployments, while maintaining and optimizing production systems for live client support.
- Led technical interviews and supported onboarding, ensuring smooth integration of new hires into the team.
- Provided live client support during on-call duties, troubleshooting and resolving critical issues.

Software Developer @ Ideaworks, Faversham (UK) | Smart Homes
July 2017 - July 2018

- Enhanced Android/Java products and C++ libraries by adding new features, fixing bugs, and optimizing performance, while contributing to future flagship development using Dart and Flutter SDK.
- Optimized development and testing workflows using Selenium, ensuring efficiency and reliability.
- Handled hardware tasks, including rooting phones and preparing devices for software installation.

EDUCATION

BSc Computer Science | First Class Honours @ University of Kent, Canterbury (UK)
September 2015 - August 2019

- Specialized in Object-Oriented Programming, Web Development, Functional & Concurrent Programming and Data Mining.
- Received the "Computer Science Project Prize" for achieving the highest grade in the final year project among the computer science class.

High School Diploma | (5.77/6.00) @ "Atanas Radev" School of Mathematics, Yambol (Bulgaria)
September 2004 - May 2008

TECHNICAL SKILLS

- Programming Languages: Go, JavaScript, Python, Java, Dart
- Frameworks & Libraries: gRPC, Protobuf, SvelteKit, TailwindCSS, Flutter
- Infrastructure & Databases: PostgreSQL, Kubernetes, Docker, Kafka