Emil Bonne Kristiansen

✉ emilbonnek@gmail.com

📞 29 82 26 45

in/emilbonnek

emilbonnek

emilbonnek.com

👤 ABOUT ME

I am a seasoned full stack developer with a knack for bridging gaps between user needs and system capabilities. I have been programming with web technologies for over 10 years, and I have familarity with a variety of client-side and server-side technologies. Outside of work I do some open source development, I attend local developer meetups and I run a small web shop.

💼 WORK EXPERIENCE

Web Developer // Bright Star Studios

Copenhagen, 2023

Responsible for the development and optimization of Ember Sword's website, encompassing key features like authentication, account management, and game integration.

- Architected and built a limited time NFT sale event, creating a real-time commerce application using React. This event led to $400,000 in sales inside a week.
- Optimized the client-side JS bundle size of the company's Next.js website, achieving a 70% reduction, which substantially improved loading times and Web Core Vitals for all users as measured by Lighthouse.
- Improved data integrity and developer confidence by introducing schema validation and GraphQL introspection to the company's application.
- Overhauled DevOps procedures, adding support for multiple environments in a declarative manner, and enabling the team to deploy to production with confidence.

TypeScript • React • Next.js • GitHub Actions • Rust • SQL

Software Developer // twoday IT Minds

Copenhagen, 2020 - 2022

Integrated into diverse teams, contributing expertise across various technology stacks and clients, from public libraries to large financial institutions.

- Took charge of a self-service platform for Nordic libraries, successfully enabling digital payments and driving cloud migration for key web platforms to Azure/AWS.
- Spearheaded the migration of API specifications to a new gateway, for more straightforward internal API subscriptions and integrations.
- Joined a task force evaluating the feasibility of Google Cloud for data ingestion projects, contributing Google Cloud expertise and certification.

TypeScript • React • Node • SQL • Google Cloud

🎓 EDUCATION

BEng Software Technology DTU

Lyngby, 2017 - 2020

📋 CERTIFICATIONS

Associate Cloud Engineer Google Cloud

2021

⭐ SKILLS

💬 LANGUAGES

Danish (Native)

English (Fluent)

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👥 VOLUNTEER WORK

Open Source

- Developed and maintains the official Nanostores integration for Lit. Simplifying state management in Lit components, and helps interop Lit with other frameworks. Gained recognition through a recommendation in the Astro framework's documentation.
- Contributed pull requests with bug fixes and improvements to various Open Source libraries, with the most impactful being JSZip and Serde.
- Contributed bug reports and feedback to various Open Source libraries, including Valibot where I was credited as a contributor early on for helping to improve the API.

(TypeScript) (Lit) (Rust)

Webmaster // Danish Frisbee Sport Union
2020 - 2022

Oversaw and optimized the organization's website, including migration to a cost-effective hosting solution. Set up a small webshop for selling merchandise and built a dedicated site for a high school PE program.

- Orchestrated the migration of the website to a more cost-efficient hosting provider, achieving significant cost savings for the organization.
- Launched a webshop to diversify revenue streams through merchandise sales.
- Developed a specialized website to support a high school PE program, extending the organization's reach into educational settings.

🏠 PERSONAL PROJECTS

Co-founder // Disc Tree
2021

Outside of my employment hours, I co-founded Disc Tree, an e-commerce venture in the Disc Golf niche. My role centers around website development and backend automation, with no overlap or conflict with my primary job responsibilities.

- Designed and implemented a Shopify webshop, integrated with transport management and bookkeeping systems.
- Developed custom applications and scripts to automate tasks related to data collection, reporting, and image processing, enhancing operational efficiency.

(TypesScript) (Shopify) (React) (Firebase) (PWA) (Python) (Rust)

★ OTHER SKILLS

Version control (Git)

CI/CD (Github Actions)

Linters and formatters (ESLint, Prettier)

Package management (npm)

Testing (Jest, Vitest)

Agile development (Scrum)

Design systems (Tailwind)

Web performance (Lighthouse)

Web analytics (Google Analytics)

Web hosting (Vercel, Firebase)

⚡ INTERESTS

I attend meetups and follow the latest trends in web dev.

I play Ultimate Frisbee. I am a national champion and played on the national team in 2022.