

KRISTOFFER TØLBØLL

Software Developer and Consultant

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PROFILE

Full-stack software engineer with 7+ years of experience building scalable, high-impact solutions across startups and enterprise environments. I specialize in TypeScript, Node.js, React, NestJS, and cloud platforms (AWS, Azure), with a strong foundation in agile leadership and cross-functional collaboration. I have led teams, managed stakeholder expectations, and helped shape product strategies, delivering clean, maintainable code and driving business value through technology.

KEY SKILLS

- **TypeScript / JavaScript:** Backend Node.js, Express, NestJS; frontend React.js and AngularJS.
- **Java:** Spring Boot, Servlet API, JPA / JDBC.
- **Databases:** PostgreSQL, MariaDB, MongoDB, ORM frameworks.
- **Cloud technologies:** AWS, Azure.
- **CTO responsibility and leadership experience:**
 - Scrum / agile software development, Extreme Programming.
 - Managing expectations, budgeting, one-on-one conversations, and performance reviews.
 - Assisting in setting the company's overall direction and creating the IT development strategy.
- **Python:** Flask, Pandas, NumPy, TensorFlow.
- **PHP / Laravel.**

WORK EXPERIENCE

Full Stack Engineer

May 2023 – Present

Spirii, Copenhagen

- Joined Spirii, a leading eMobility company, contributing to human-centric innovation through high-quality code and agile practices.
- Built and enhanced core features for the Spirii Go and Spirii Connect apps using NestJS, Node.js, React and TypeScript, improving functionality and user experience across mobile and web platforms.
- Facilitated bi-weekly sprint reviews to communicate progress with stakeholders, and led retrospectives to improve team productivity and ensure continuous delivery.
- Refined backlog items to ensure clear requirements and effective prioritization in line with business needs.
- Coordinated with designers and cross-functional stakeholders to integrate feedback early, securing smoother delivery and higher adoption of new features.

CTO and Co-founder

February 2021 – May 2023

Relu Solutions, Hellerup

- Tech lead as an external consultant for SAV Systems, one of the biggest distributors of energy meter apparatuses in the UK. Developed a system to handle all internal business processes, such as employee management, warehouse status, and several assembly processes, from receiving material to installing customer devices. The solution has provided crucial transparency and significant productivity increases. My responsibilities included management, code reviews, creating tasks, and aligning business logic with stakeholders. Leading a team of three Danish developers.
- Lead developer for Traxr, a backlink CRM built from scratch in PHP / Laravel. My responsibilities were developing and testing the platform, maintaining and managing staging and production environments on AWS, overseeing budgets, and aligning expectations with stakeholders.
- Advised and developed software projects for various larger clients. My role as CTO included advising clients on the best tech stack and architecture for developing software applications, best practices when picking a development team in terms of alignment, setting milestones and deadlines, and ensuring security.

Full Stack Engineer

February 2021 – January 2022

Vita Media Group, Hellerup

- Developed web scraping tools and data collection pipelines using TypeScript, NestJS, MongoDB and Puppeteer, enabling scalable and automated data acquisition across multiple sources.
- Built a centralized data aggregator in NestJS, TypeScript and MongoDB. The purpose was to create a uniform data format for several APIs, web scrapers, and other data sources.
- Worked on an online gaming and affiliate platform with 70,000+ active users. Developed and tested the platform using Angular and Java / Spring Boot.

Assistant Consultant / Full-Stack Engineer, emphasizing frontend development

July 2020 – February 2021

PwC (Data Factory & Security and Technology), Hellerup

- Developed two SaaS services for enterprise clients: Smart Invoice Reader and GDPR Scanner. I was a full-stack developer with an emphasis on frontend, and the primary frontend developer on both products.
- Managed a team of developers from PwC India.
- Developed and tested backend applications in Spring Boot / Java. Implemented unit tests and ensured best practices in terms of security and authorization.
- Created IAM migrations with Java and Unix servers for large enterprise clients.
- Created a full-stack project (Role Mining Tool) in React.js, Node.js and R. Created a web server on top of an existing ML model to build a tool for automating role distribution when onboarding new clients.

VOLUNTARY WORK / LEISURE ACTIVITIES

Mentor

September 2018 – Present

HackYourFuture, Copenhagen

- As a mentor at HackYourFuture, a non-profit coding school for refugees and immigrants in Copenhagen, I taught students with no prior coding experience in JavaScript and React.js. Through designing and delivering more than 30 lessons, I covered the fundamentals of JavaScript and frontend development. By the end of the program, all students could create fully functional web apps, and the majority went on to obtain full-time jobs.
- Guest lecturer at Cphbusiness, teaching TypeScript and Node.js, emphasizing working with external clients and stakeholders based on my business experience.
- Participated in the Evolution Exchange Nordics podcast on several occasions.
- In my spare time I train and run, and I enjoy spending time with friends and family and building software projects.

EDUCATION

Business Bachelor, Software Engineering – Computer Science (Grade 11.0 / 12)

January 2020 – May 2021

Cphbusiness, Lyngby

After completing my AP degree in computer science, I continued at Cphbusiness to complete a business bachelor's in software engineering. The education focused on industry-related subjects within larger software companies, such as distributed systems, microservice architecture, and business intelligence.

AP Degree – Computer Science (Grade 11.5 / 12)

August 2018 – December 2020

Cphbusiness, Lyngby

Focus on programming in general, with Java and JavaScript as the main languages. I studied general OOP principles, low-level implementation details, and high-level frameworks such as React.js and Spring Boot to create advanced and scalable web applications.

References available upon request.