

# TONY BECK

## Senior Full Stack Developer

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### SUMMARY:

Accomplished Full Stack Developer with over 8 years of experience across multiple industries including **Ecommerce, Healthcare, Finance, Retail, and Education**. Proven track record of delivering **high-quality software solutions** that drive business growth and customer satisfaction. Recognized for exceptional **problem-solving skills** and ability to lead cross-functional teams towards project success.

### SKILLS:

**Front-End Development:** HTML5, CSS, JavaScript/TypeScript, React, NextJS, Angular, Vue

**Back-End Development:** Node.js, Express.js, NestJS, PHP, Python, Ruby on Rails

**Databases:** MySQL, PostgreSQL, MongoDB, Firebase

**Testing:** Jest, Mocha, Chai, Jasmine, Cypress

**Agile Methodologies:** Scrum, Kanban

**DevOps:** Git, SVN, Docker, AWS, Google Cloud, Azure, Jenkins, Travis CI, AWS CodePipeline, GitHub Actions, Heroku, Netlify, Vercel

### EXPERIENCE:

#### Senior Full Stack Developer

Finli | United States

June, 2021 - December, 2023

- Led the development of a comprehensive **banking platform**, integrating advanced **security measures** and efficient **transaction processing capabilities**, which significantly boosted operational efficiency and customer service, resulting in a 30% increase in user engagement and a 20% reduction in operational costs.
- Participated in the planning, design of the **project architecture** with project manager, engineering team leader, and suggested the ideas followed the design patterns.
- Realized **SSR** capabilities using **Next.js**, optimizing website performance through improved initial load times and enhanced **SEO**.
- Improved the performance of applications by implementing **lazy loading** and **code splitting** techniques, resulting in a 60% improvement in load times.
- Leveraged **AWS** and **Azure** services, following best practices such as implementing **logging** and **monitoring**, enabling **Multi-Factor Authentication**, rotating credentials regularly, and complying with **The Principle of Least Privilege**, to design and operate reliable, secure, efficient, and cost-effective systems in the cloud.
- Developed an **automated development pipeline** using **Docker**, **Kubernetes**, and **GCP** that reduced deployment time from hours to minutes, leading to a 75% increase in software delivery frequency.
- Wrote unit tests and E2E tests using **Jest** and **Cypress** to ensure that the APIs were working as expected.
- Applied **CI/CD**(Continuous Integration/Continuous Deployment) pipelines using platforms like **Github Actions**, automating build, test, and deployment processes.
- Mentored junior developers on **best practices** for writing maintainable and scalable code during **code reviews**, resulting in enhanced code quality and reduced technical debt.

## Full Stack Developer

Brikl | Finland

March, 2019 - April, 2021

- Architected and executed the development of eCommerce applications ranging from 5M to over 8M in annual revenue with **React**, **Express.js**, and **MySQL**.
- Significantly reduced server load, upgraded response times, and increased the overall efficiency of the platform using **load balancing**.
- Applied a thorough **testing strategy**, leading to a 30% decrease in production bugs and higher customer satisfaction.
- Utilized **OAuth 2.0** and OpenID connect, improving user experience by enabling seamless Single Sign-On(SSO) across multiple interconnected services.
- Designed and put into action scalable and resilient cloud solutions on **AWS**, leveraging services such as **EC2**, **S3**, **Lambda**, and **RDS**.
- Used **micro frontend architecture** for frontend development, improve performance of frontend.

## Full Stack Developer

iDigitalise | Luxembourg

February, 2017 - February, 2019

- Actively attended in meetings with clients to determine website goals and development strategies.
- Worked with **cross-functional** teams to deliver high-quality software using **Agile methodologies** like Scrum or Kanban, participating in sprints, daily stand-ups, and retrospectives for efficient project management.
- Utilized **JavaScript** frameworks such as **React.js**, **Vue.js**, and **Angular.js** to build complex, interactive interfaces while following best practices.
- Applied real-time communication features using technology like **Socket.IO**, allowing for seamless bidirectional data transfer and enhancing collaborative experiences within web applications.

## Frontend Developer

Atoz | Luxembourg

August, 2015 - December, 2016

- Integrated third-party APIs, such as **payment gateways**, **social media platforms**, **geolocation services**, into web applications, working closely with API providers and documenting integration processes.
- Successfully achieved a seamless, responsive design across diverse devices and screen sizes by employing a **mobile-first strategy**, utilizing CSS media queries, and implementing Flexbox layouts.
- Spearheaded a RESTful API using **Node.js** and **Express.js**, which enabled the company to expose its services to external users and systems, resulting in heightened efficiency and flexibility.
- Worked with the business analysts to develop **High-level Document** and **Detailed-level Document** for various UI modules.

## EDUCATION:

**2011 - 2014 | University of Luxembourg**

Bachelor of Computer Science - Software Engineering