

# Chris Ristoff

## Software Developer

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[LinkedIn](#) [Portfolio](#) [GitHub](#)

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Highly motivated software development newcomer recognized for exceptional problem-solving abilities and a strong work ethic. I bring diverse experience in management and entrepreneurship, along with a keen interest in technology. Eager to apply my analytical skills and relentless pursuit of excellence within a software development environment.

### SKILLS

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- **Languages:** JavaScript, TypeScript, Python, C#, YAML, Bash
- **Back-end:** Node.js, Express, Flask, Django, SQL, PostgreSQL, ASP .NET
- **Front-end:** HTML, CSS, React, Vite
- **Testing:** TDD, Jest, xUnit, unit testing, integration testing
- **Other:** Paired Programming, Git, GitHub, Agile Methodologies, AWS, Docker, GitHub Actions, Linux

### PERSONAL PROJECTS

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Have a look at my portfolio website itself for more projects and links to deployed documentation and live links to the applications.

**Portfolio - <https://krasen.site/>**

Developed a comprehensive full-stack portfolio project utilizing .NET, C#, and AWS, demonstrating proficiency in CI/CD practices for efficient deployment.

- Built a user-friendly and responsive interface using React and TypeScript, complete with an intuitive admin panel for efficient project and personal data management.
- Developed robust and scalable backend services with .NET and C#, prioritizing application security and performance.
- Architected a cloud-based solution using AWS EC2 services for hosting, data storage, and scalability, demonstrating cloud deployment and management expertise.
- Safeguarded data integrity and availability by implementing data backup and restoration functionality using Node.js.
- Implemented a CI/CD pipeline using GitHub Actions to automate builds, tests, and deployments, streamlining development workflows and accelerating release cycles.

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#### Construction Management tool(In progress)

Comprehensive construction management tool designed to address critical gaps in project and staff management, financial oversight, and operational efficiency. This project was inspired by real-world challenges I encountered during my experience as a manager.

- Employed Docker and Docker Compose to establish isolated testing environments, guaranteeing reliable results and seamless service integration. Strategically included a test database container for robust assessments.
- Developing core functionalities for streamlined construction management, including staff management, expense tracking, profit analysis, and project cataloging. Currently developing automated invoice generation (PDF via email) for enhanced efficiency upon project completion.
- Designed a PostgreSQL database schema to optimize data organization and query performance.
- Implemented real-time image synchronization using Firebase Storage, providing a seamless user experience.

- Collaborating closely with the front-end developer to ensure a seamless user experience through the development of a reliable and responsive back-end. This involves consistent communication to define feature requirements, data formats, and optimize performance.

## WORK EXPERIENCE

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**North coders** - Remote

Oct 2023 - Jan 2024

### Trainee Software Developer

Intensive, hands-on 13 week full-stack development bootcamp with 500+ hours of coding and project development

- Developed a Reddit-like forum using Node.js, TypeScript, SQL, and React, prioritizing test-driven development (TDD) to improve code quality and efficiency by 50%.
  - Optimized the vote feature's efficiency by over 50% through strategic data structure utilization.
  - Led the back-end development of a recipe-sharing app using C#, ASP.NET, and SQL, implementing a unique 'fork-inspired' database design to track recipe modifications. This approach enhances user engagement and content discovery.
  - Demonstrated exceptional problem-solving skills by consistently reaching the advanced section of challenges in every sprint. This showcases my ability to rapidly grasp complex concepts, think critically, and deliver results under tight deadlines.
  - Exceeded expectations by completing all prescribed algorithm challenges ahead of schedule. Proactively sought additional challenges on LeetCode and Advent of Code during the final weeks, demonstrating a passion for problem-solving and adaptability to diverse coding scenarios.
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**Self Employed** - Cambridge

Jan 2020 - Now

### Logistics and Traffic Manager

- Leveraged analytical skills to create traffic management and risk assessment plans, resulting in a 0 incident record and improved site safety and efficiency.
  - Proactively maintained 100% safety compliance through meticulous record-keeping, demonstrating a commitment to quality and workplace safety.
  - Accelerated project completion timelines by 25% through the development and implementation of strategic plans focused on construction site logistics efficiency.
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**MasterDec**- London

Jan 2018 - Sep 2019

### Assistant Site Manager

Led comprehensive project management in a construction setting, focusing on operational efficiency, stakeholder engagement, and financial oversight, demonstrating key skills transferable to software development environments.

- Managed employee performance and attendance, ensuring 100% payroll accuracy and effective personnel management, demonstrating strong organizational and leadership skills.
- Facilitated effective communication between on-site teams and management, reducing misunderstandings and delays by 15%.
- Assisted in the development of project budgets, consistently meeting financial targets and maintaining a 95% accuracy rate in budget forecasting.
- Provided leadership in the absence of the Site Manager, successfully overseeing day-to-day operations and maintaining project momentum.
- Oversaw project financials, employing data-driven strategies to enhance decision-making and profitability, showcasing financial acumen and strategic planning skills.

## EDUCATION

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- **VIA University Denmark(1 year)** - IT Engineering

Studied HTML, CSS, SQL, C and JAVA for the time I was in the program.

- **Technical University(1 year)** - Navigation

Completed three levels of advanced mathematics in the first year of studies before pursuing an opportunity to relocate to Denmark.