

# Krasen Hristov

Software Developer

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📍 Cambridge, UK

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## About me

Transitioning to programming during a health setback, I discovered an unexpected passion for technology. My enthusiasm continued post-recovery, leading me to commit fully to this new career path. After seven months of self-directed learning, I looked for a more structured approach and enrolled in a bootcamp. This experience, combined with my strong work ethic and desire to exceed expectations, significantly enhanced my technical skills. Now I am eager to apply my knowledge in a professional environment and continue growing in the dynamic field of technology.

## Tech Skills

- **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

*[Please refer to my portfolio for comprehensive descriptions and links to live apps](#)*

### Portfolio API

🔗 [Github Repo](#)

**C#, ASP.NET Core 8, Node, Javascript, Dapper, FluentMigrator, PostgreSQL, Docker, GithubActions(CICD), AWS, JWT, Mailkit, Firebase Cloud, Nginx, Cloudflare CDN**

A backend for my portfolio website which allows me to change all the information on the website itself and extract latest data to keep the seeds up to date.

### Portfolio - FE

🔗 [Github Repo](#)

**TypeScript, React, Vite, Docker, GithubActions(CICD), AWS, Nginx, Cloudflare CDN**

The frontend to my portfolio website, the admin panel is exposed so it can be explored but nothing can be changed by users as it requires authentication.

### Recipe GitHub API

🔗 [Github Repo](#)

**C#, ASP.NET Core 8, Dapper, FluentMigrator, PostgreSQL, Docker, GithubActions(CICD), AWS, JWT, Firebase Cloud Storage, Jira**

Backend for a recipe website with a twist, users can not only create but they can also fork(copy) other user's recipes, it has support for a ton of features not yet implemented on the frontend.

### Recipe GitHub - FE

🔗 [Github Repo](#)

**React, TypeScript, Redux, Redux Toolkit, Docker, GithubActions(CICD), AWS.**

The frontend that integrates with the Recipe GitHub API.

### Forum API

🔗 [Github Repo](#)

**Node, Express, TypeScript, PostgreSQL, Swagger, JWT, Docker, Jest, GithubActions(CICD), AWS, Nginx, Cloudflare CDN**

A reddit-like forum API we were tasked to create at the bootcamp.

## Forum Front-end

[Github Repo](#)

**React, JavaScript, Docker, GithubActions(CICD), AWS, Nginx, Cloudflare CDN**

Frontend that integrates with the Forum API, for testing purposes you can use account(test, password)

## Recipe API

[Github Repo](#)

**Python, Django, PostgreSQL, Docker, GithubActions(CICD), AWS**

An API I created mostly following a tutorial, was one of my first more extensive projects.

## Professional Experience

Oct 2023 - Jan 2024

Cambridge  
Remote

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

### Trainee Software Developer

- Honed problem-solving skills through daily algorithm challenges and pair programming sessions.
- Improved code quality and efficiency by practicing test-driven development and regular code reviews.
- Hands-on experience with Agile methodologies, involving regular sprint planning sessions, daily stand-ups, and iterative project adjustments.
- Adapted to Agile's fast-paced and flexible approach, emphasizing continuous improvement and responsiveness to change
- Strengthened team collaboration skills, welcoming open communication and constructive feedback.

Jan 2020 – Now

Cambridge

### Logistics and Traffic Management

- Developed and executed traffic management plans, enhancing site safety and efficiency.
- Conducted risk assessments and implemented preventive measures to protect personnel and equipment.
- Directed operational staff, ensuring safe and efficient task completion.
- Managed detailed logs of site activity, upholding compliance with safety standards.

Jan 2018 - Sep 2019

London

### Assistant site and Project Management

- Managed employee performance and attendance records, ensuring accuracy in payroll and effective personnel management
- Performed final project inspections and prepared detailed reports to facilitate timely client billing.
- Calculated precise project estimates, providing clients with accurate cost analysis.
- Coordinated on-site operations and liaised with clients, vendors, and stakeholders for on-schedule project delivery and compliance..
- Monitored and recorded project financials, supporting data-driven decisions and optimizing profitability.

## Education

### VIA University Denmark - ICT Engineering

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

### Technical University Varna - Navigation

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

## Certifications

### level 2 NCFE certification -

Understanding Programming.

### Certificate of completion -

Northcoders full-stack programming bootcamp