



Daniel Cooke

Software Engineer

Frontend specialist with a computer science background and over **5 years of professional experience**. I obtained my 1st class honours in 2018 from Queens University Belfast. I consider myself to be an **expert in React and NodeJS**. I have a passion for software development, and I am constantly reading and learning new things.

Contact

Email

danielcooke1996@gmail.com

Website

<https://dancooke.codes>

GitHub

<https://github.com/dan-cooke>

StackOverflow

<https://stackoverflow.com/users/5645292/daniel-cooke>

Education

2014-2018

1st Class BSc Computer Science
Queens University Belfast

Expertise

- React
- Node
- Typescript
- NextJS
- Docker
- AWS
- MongoDB
- Design patterns
- Software Architecture
- Project Leadership

Experience

2022 - Present

eXRt Intelligent Healthcare | Remote

Software Development Contractor

In my role as the **sole developer and architect**, I am accountable for the entire web application, which includes a dashboard web UI, a REST API, a WebRTC signaling server built on AWS, and a **bespoke authentication system utilizing Cognito and Lambda**. I work under high-pressure deadlines and am responsible for **producing API documentation** for the VR team to incorporate into the application. Additionally, I steer the project's technical direction, **guarantee high availability** for their production clients, and **perform critical data migrations when required**.

Main technologies: React (Remix), Node, NestJS, MongoDB, Typescript, Swagger, AWS (Cognito, EKS), Cypress, Docker, Fly.io, Kubernetes, Docker, RabbitMQ

2023 (3 months)

Nigma / Poppins Agency | Remote

Software Development Contractor

I worked for Poppins Agency for 3 months building 2 visually impressive marketing sites from scratch as **the only developer**. Both sites had extremely complex **Figma** designs and featured **CSS animations** heavily. I had to setup the **Storyblok CMS** and I developed a monorepo of libraries to **help the business deliver future applications faster**, including a proposal to the core **Storyblok team for a SDK to help developers setup their clients CMS faster**.

Main technologies: NexJS, TailwindCSS, Storyblok

2022-2023

Point Topic | Remote

Software Consultant

My job entailed both **coaching an inexperienced team** in programming and web development and **selecting their technology solution**. With my guidance, the team **successfully delivered a custom subscribers site to replace an outdated legacy system in just one year**. During this endeavor, my foremost responsibility was to provide the team with consistent support and expertise, including conducting regular demos and overseeing the project by running daily scrums and demoing results to stakeholders at the end of each sprint. Additionally, I was assigned the task of **producing comprehensive documentation** on various web technologies for the team and **presenting quantifiable justifications for my decisions to management**.

2021 - 2022

TerraQuest | Remote

Frontend contractor

During my year at TerraQuest I was part of the frontend team that delivered a land referencing portfal for the Northern Irish government as part of a larger project that spanned the entire UK. I proposed **refactoring the existing GatsbyJS** frontend into **NextJS** in order to better reap the benefits of SEO for the public facing sites. I lead the charge in producing multiplr **NextJS prototypes** in order to convince stakeholders of the benefits of the switch.

Main technologies: React (Gatsby, NextJS, CRA), Typescript, Chakra-UI, Styled components, Storybook, Jest, react-testing-library

2018-2021

IBM Security | Belfast

Software Engineer

At IBM I was part of a team in charge of rewriting the legacy QRadar UI with a modern stack using **NextJS and GraphQL**. During my time at IBM I was a go to member of the team for any questions relating to web development. I spoke at several events on topics such as **Docker** and **Cypress** and received multiple promotions in my time there. I advised the team on best practices and assumed an unofficial technical leadership role within my team.

Main technologies: React (NextJS), Node, Express, GraphQL (Apollo Client / Apollo Server), Docker, Kubernetes, Webpack, Cypress, Travis CI, Carbon UI, Styled components + more

2016 - 2017

AMT Sybex | Belfast

Software Development Intern

At my internship at AMT, I was part of the frontend team in charge of delivering an **Angular web application** for tracking cattle in Northern Ireland. During my time there I learnt much about web development including best practices in **testing** and Typescript. I also learnt a lot about continuous integration and version control.