# NINA THOMAS
## Junior Software Developer

✉ Request

📞 Request

🌐 **github.com/CharmingBeetle**

👤 **linkedin.com/charmingbeetle**

🏠 **charmingbeetleportfolio.netlify.app**

🏠 **Hove**

## PROFILE

Always eager to learn something new, I love diving into problems and finding clever solutions. I like taking a hands-on approach -like building my own computer and even started a small photography business from scratch.

My time in healthcare taught me to think analytically and get creative when solving complex problems like treatment planning. Right now, I'm sharpening my coding skills at the Northcoders JavaScript bootcamp, focusing on full-stack development.

I'm looking for a junior developer role where I can bring my creative thinking and team spirit to the table. I really enjoy environments that encourage growth and learning. With my varied background, I'm ready to contribute while continuing to develop my skills.

## TECHNICAL SKILLS

**Languages:** JavaScript using Node.js, Python, TypeScript and browsers as environment

**Testing:** TDD (Test Driven Development), Jest, Supertest

**Back-End:** SQL, PSQL, MySQL, AWS S3, seeding

**Front-End:** HTML, CSS, React + Vite, Lighthouse and other accessibility tools

**Hosting:** Netlify, AWS EC2, Amplify, Render, Supabase

**Other:** Pair Programming, technical communication, SDL, Agile and SCRUM methodologies, LLMs (Gemini 2.0 flash)

## PROJECTS

### Study BuddAI

*TypeScript* **April 2025**

- Group project developing full-stack AI powered web-application
- Initial spiking/planning and daily stand-ups
- React/ Express/MySQL/AWS hosting
- Contributed to PDF file uploading for local memory and cloud storage using AWS S3 buckets.
- Tested backend database with RESTful APIs
- Paricipated in accessible interactive front-end with use of React + Vite
- Docker compose for containerization

### Thought Bubble

*JavaScript* **March 2025**

- Solo full-stack project over 2 weeks with Northcoders
- Tech stack React/ Express/PostgreSQL
- Developed test driven backend with RESTful APIs
- Hosted with Supabase and Render
- Created accessible interactive front-end with use of React with Bootstrap

## PROFESSIONAL DEVELOPMENT

**Northcoders | JavaScript**                    **Jan 2025 - April 2025**
- Software Engineer Bootcamp (Equivalent to Level 3 certification)
- Using pair programming and daily coding katas to learn about modern JavaScript software development.

**Codecademy | Java**                    **2024**
- Learn Java - Online course completed with certificate (Beginner)

**Code First Girls (CFG) Kickstarter | Python**           **June 2023**
- Learned fundamental knowledge in Python while buiding a small game app as a team

**CFG Challenge | C++**                    **September  2024**
- Developed code to encrypt a message using Caesar cipher
- Detected and researched vulnerabilities such as buffer and integer overflow located in existing code
- Finding methods to correct these vulnerabilities using online resources

**CFG Kickstarter | JavaScript**                    **August 2024**
- Acquired knowledge of the fundamentals while building a project as a team
- Intro to DOM manipulation, HTML and CSS

**CFG Massive online open courses**                    **2023 - 2024**
- Introductory sprints including topics on : C#/Web Development/Data (SQL)/iOS Development/Agile and Scrum/Cloud &Deployment/Git/Github/Machine Learning/Career Development/Web App Security/Intro to DevOps/Intro to C++/LLMs & Prompt Engineering

**Harvard edX online | CS50 - Intro to Computer Science**           **2022**
- Introduction to Computer Science - *In progress*

**Replit | 100 Days of Code Python - *In progress***           **2024**
- Developed a character generator using various libraries
- Improved user expercience by including music file and adding simple visual animation
- **Smaller Programs:** Math game, Tip calculator, Rock Paper Scissors , Gradebook builder, Guess the Number, Simple login, Hidden Credit Card number

## PROJECTS

### Sheffield Treasure Hunt

*JavaScript*             **December 2024**

- CFG - online learning course
- Small solo project in short web development course
- Delivered interactive website with multiple pages using JavaScript/ CSS/ HTML
- Incorporated a site map and slide presentation

### Code First Girls - Kickstarter Budget Web App

*JavaScript*             **August 2024**

- Delivered a web app using HTML, CSS and JavaScript
- Initiated Kanban within team and took on leadership role delegating tasks.
- Created and delivered a live presentation and app demo along with team.

### Code First Girls - Kickstarter Pokemon Top Trumps Game

*Python*             **June 2023**

- Console game incorporating PIP's, API's, and using fundamental coding concepts.
- Learned Python basics icluding reading/writing to a file, and importing libraries.
- Demonstrated teamwork and Agile-like methodology

## EDUCATION

**Bachelor of Science (Hons)**
**1998 - 2003**

Queen's University, Kingston ON, Canada
Major: Biology and Chemistry
Relevant Courses:

- Differential & Integral Calculus
- Intro to Applied Statistical Methods
- Intro to Data Analysis & Inference

**Bachelor of Dental Surgery**
**2005 - 2010**

University of Sheffield

## WORK EXPERIENCE

**Locum Dentist | Military Medical Personnel**       **October 2022 - Present**

- Contracted by Ministry of Defense
- Delivering high quality dentistry to RAF service people to make them deployable for service
- With support of dental team, achieved >80% deployability in approximately 12 months - highest deployment stat in the UK

**Associate Dentist/Dental Officer | NHS**       **September 2010 - 2022**

- Leading dental team and rapid decision-making in high-stress environment
- Effective communication with patients, staff, associates.
- Participated in practice teamworking and gained knowledge in each role of the dental team.
- Implementation of clinical governance frameworks including clinical auditing.

**Photographer & Videographer | Freelance**       **August  2018 - 2022**

- Self-taught skills in photography and videography, Photoshop, Premeire Pro and Lightroom
- Verbal and written communications with portrait, wedding and personal brand clients
- Managing client bookings and payments  with CRM software
- Editing image and video files and delivering pakages within proposed deadline
- Organising and collaborating with various vendors for styled shoots
- Routine updating and improvement of website using basic HTML/CSS

## LANGUAGES

English - native
French - intermediate
German - beginner

## INTERESTS/HOBBIES

- Photography - enjoy the creative process along with delivering something clients love
- Videography and Editing - learned Photoshop and Premiere Pro.

## AWARDS

**Best Group Project**

CFG Kickstarter
"Highly  Recommended Candidate"
June 2023

**2 Distinctions in BDS**

University of Sheffield
June 2006

**Unconventional Wedding Blog Best of 2021**

Winner "Galaxy Dreaming"  - Videographer
Runner up "Labyritnth"  - Videographer