Katie Hardy

Junior Software Developer

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Personal Statement

As an ambitious and motivated individual, I am eager to begin my career as a Software Developer. Through my training at Northcoders, I have gained hands-on experience in full-stack development, with a focus on JavaScript. My background in customer service has strengthened my communication and teamwork skills, allowing me to work effectively in collaborative environments. I am passionate about problem-solving and continuously improving my technical skills to contribute to impactful projects.

Technical Skills

Languages & Frameworks: JavaScript (Node.js, React), HTML, CSS

Testing & Development Practices: TDD (Test-Driven Development), Jest, Supertest

Back-end: SQL, PSQL, database seeding, migrations

Front-end & Accessibility: React, Lighthouse, accessibility tools

Hosting & Deployment: Cloudflare, Netlify

Other: Agile, SCRUM, pair programming, software development lifecycle (SDL), technical communication

Projects

NC News API – A RESTful API built with Express.js and PostgreSQL, designed to serve news articles, comments, and user data. This project follows a model-view-controller (MVC) architecture and includes robust error handling and SQL queries for data retrieval and manipulation.

- **Tech Stack:** Node.js, Express.js, PostgreSQL, Jest (for testing)
- **Key Features:** Fetches articles, topics, users, and comments via RESTful endpoints. Supports comment posting, voting, and pagination. Implements well-structured error handling and comprehensive test coverage using Jest.
- **GitHub:** Link

NC News Frontend - A responsive web application built with React that interacts with the NC News API to display articles, comments, and user data. Designed with a clean UI and seamless user experience.

- **Tech Stack:** React, React Router, Axios, CSS
- **Key Features:** Fetches and displays news articles dynamically from the backend API. Allows users to vote on articles and post comments. Includes responsive design for mobile and desktop views.
- **GitHub:** Link
- **Completed Project:** https://katie-nc-news.netlify.app/

2Gather Project - Designed and developed the 2Gather mobile app within one week, focusing on core event planning functionalities.

- **Tech Stack:** React Native (with Expo), Expo Router, Axios, Base64, Node.js, Fastify, PostgreSQL, Render
- **Key Features:** Users can create events and request to attend others' events. Users can upload a profile image and edit their account details. Ability to upload images to posted events for a more engaging experience. Built with React Native for a fast, intuitive mobile user experience.
- **GitHub: Link**

Experience

Junior Software Developer – Northcoders Bootcamp

January 2025 – April 2025

- Built dynamic, full-stack web applications using JavaScript, React, Node.js, Express, and PostgreSQL. Designed and implemented RESTful APIs, ensuring efficient communication between the front-end and back-end.
- Followed a strict TDD approach using Jest to write robust code. Applied testing principles to both front-end and back-end development, improving code reliability and reducing bugs.
- Developed real-world projects, including a fully functional web application, by applying industry-standard development workflows. Focused on designing scalable database schemas, handling API requests efficiently, and building intuitive user interfaces.
- Gained hands-on experience in debugging complex issues, using tools like Insomnia, console logs, and error handling in JavaScript. Practiced breaking down problems logically and implementing solutions methodically.
- Worked in an agile environment with daily stand-ups and retrospectives, collaborating closely with peers through pair programming and code reviews. Learned to write clean, readable code and the Software Delivery Lifecycle while effectively communicating and problem-solving in a team setting.

Customer Care – McDonald's

July 2024 – Current

- Continuously sought feedback from managers and peers and used these opportunities to refine processes.
- Worked in a fast-paced team environment, ensuring smooth operations and consistently meeting customer satisfaction targets.
- Established rapport with colleagues to ensure clear and effective communication.
- Demonstrated a proactive approach to ensuring customer satisfaction.

Education

Lincoln College - Level 2 Principles of Business Administration

January 2025

- Learned the best methods for working effectively as an Office Administrator.
- Understood best practices for producing business documents successfully.
- Developed strong communication skills in a business environment.
- Gained an understanding of safe online and social media use.

Hobbies and Interests

- **Lincolnshire Speakers - Toastmasters:** Learning and refining communication and leadership skills by delivering speeches to an audience of club members.
- **Creativity:** I enjoy creative hobbies such as knitting, cross-stitching, and watercolour painting, which enhance my problem-solving mindset.