

Shaquille Newell

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I am a highly driven and adaptable web developer with over 5 years of experience building digital solutions for large and small brands. I'm a strong team player with excellent communication skills and I love to be social, I possess a robust work ethic and consistently thrive on challenges, rapidly acquiring new skills and methodologies to deliver creative outcomes.

Skills

Experience level

Mid/Senior

Core skills

React, Typescript, Next.js,
Testing

Other skills

HTML/CSS, MySQL, SQL, GraphQL,
Cypress, Node.js, Vue.js, React
Native, Apache

Languages

English (native)
BSL (basic)

Experience with services

Vercel
Maestro
Strapi
Swagger
Sentry
Typeform
Figma
Salesforce

Operating Systems

Mac OS
Ubuntu
Windows

IDEs

VS Code
Webstorm

Experience

Frontend Developer – STech (SCTech) 06/2023 – 06/2025

Core technology involved – React, Typescript, Next.js, Figma

- I worked as one of two Front-End Developers responsible for the development and maintenance of an online gaming site with Next.js hosted on Vercel.
- Tasked with enhancing site performance through server-side rendering (SSR) and static site generation (SSG).
- Improved application efficiency by implementing dynamic importing strategies and reducing package bundle sizes.
- Was responsible for developing new user-facing features and enhancing existing functionalities.
- Worked on improving the site's Search Engine Optimization (SEO).
- Utilized styled-components and created custom components with Storybook for UI development.
- Used Sentry for network monitoring.
- Set up Maestro and Strapi for content management to allow the marketing team to customise the website.
- Helped with back-end maintenance using SQL and Java to fix broken endpoints and improve data handling efficiency.

Frontend Developer – Wunderman Thompson Commerce 10/2019 – 02/2023

Core technology involved - React, Typescript, GraphQL, Jest, and Cypress

- Developed and maintained e-commerce websites for prominent brands including Calvin Klein, Tommy Hilfiger, and Tempur.
- Engineered new promotional features and interactive systems, such as reward programs, primarily using React.
- Utilized GraphQL (GQL) for writing API requests to manage data flow and documented on Swagger.
- Employed Jest for unit testing to ensure code quality and reliability and Cypress for robust integration testing.
- Used Salesforce for content management and deployment control for production and staging environments.
- Contributed to the development of websites supporting the NHS during the COVID-19 pandemic, using foundational web technologies (HTML, CSS, JavaScript) and Django.
- Created an internal office booking system for the company.

IntelliJ

Cursor

References

Wunderman Thompson

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1st Line Engineer – Wanstor IT 08/2017 – 08/2018

During my placement year I worked in IT support - receiving and solving calls and emails for different IT issues. I helped to maintain client servers, fixed damaged hardware, and installed machines during site visits.

I also helped the dev team add new features to the company's applications with JavaScript. Clients included Wagamama, Tapi Carpets, Hestia, and Jamie's Italian.

Camp Counsellor – Camp America 06/2016 – 08/2016

I spent 3 months working at several different camp sites within the city and suburbs of Philadelphia with children aged 6 to 14. I oversaw up to 10 children at a time. I lived with other counsellors in Philadelphia during that time.

Education - University of Kent – 2015 -2019

Bachelor's degree, Computer Science with year in industry – 1st

Through this course I learned to become proficient in languages such as Java, JavaScript, SQL, CSS, and HTML while working with languages like Erlang and C++.

Key modules include:

- Introduction to Intelligent Systems
- Cognitive Neural Networks
- Security and Cryptography
- Computer Graphics and animation
- Database and Web

Final year project

I worked with a group of 3 other people on a web app and phone app for Android and iPhone. I used technology I was not familiar with at the time such as Docker, Mocha to run tests, and React Native to build the phone app, Bulma to structure the frontend of the web app, and SQL to create some of the database. I also worked on some of the documentation and lead the team for periods of time during team sprints.

Overall marks

I achieved a first overall despite my lower marks in my second year. My coding skills, improved between my second year and final year thanks to my effort during my year in industry and onwards.