

Nadia Ibrahim

Junior Software Engineer

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[GitHub](#) | [LinkedIn](#) | [Email](#)

As a proficient Software Engineer, I approach tasks with a creative solution-oriented mindset. I enjoy staying at the forefront of technical developments and improving my skillset, which has led me to pursue a career path that values lifelong learning. I can craft reusable clean code that ensures user-friendliness and accessibility. My experience has allowed me to cultivate an array of transferable skills, both technical and soft, that have proven to be beneficial in team settings.

Technical Skills

- **Language:** JavaScript
- **Front-End:** React.js, HTML5, CSS3, Axios, React Three Fibre, Three.js
- **Back-End:** Express.js, Jest, Node.js, SQL, MongoDB

Professional Experience

Northcoders Bootcamp: Trainee Junior Software Developer (March 2023 – June 2023)

- My training in front-end allows me to identify problems with the user interface and devise successful solutions. I can create responsive and accessible websites that are user friendly and visually appealing.
- As a back-end developer, I can generate recyclable code libraries, use Test Driven Development (TDD) to troubleshoot coding problems effectively. I gained knowledge in SQL, PSQL, complex queries, seeding data, implementing error handling and testing.

Games Review Website: Back-End and Front-End Project | [Deployed API](#) | [Hosted website](#)

- Delivered a RESTful web-based API using Express, PSQL as the database, reacting with it using node-postgres.
- Users can perform CRUD operations (Create, Read, Update, Delete).
- Built automated unit tests using Jest.
- Created a responsive frontend site using React, HTML5, CSS3 and Axios to make requests to the backend.
- Created documentation to give instructions to developers, available on [GitHub](#).

Get Your Steps In (3D game): Back-End and Front-End Project | [Deployed API](#) | [Hosted Game](#)

- Collaborated effectively with a diverse team of software engineers, leveraging individual strengths and expertise, to develop and deliver the immersive 3D game "Get Your Steps In".
- Developed an immersive 3D game using React Three Fiber for the Front-End, providing an engaging virtual environment.
- Utilised MongoDB and Express for the Back-End, enabling seamless storage and retrieval of user data and scores for the game.
- Created a REST API that fetched and sorted scores from the database, displaying them on a leader board, whilst handling post requests for users to submit their scores.

QMED Pharmaceuticals: Production Operator (February 2022 – March 2023)

- Utilising various software tools, including Microsoft Dynamics 365 Business Central, to manage orders for the development process, resulting in increased efficiency.
- Collaborated with the Quality Assurance (QA) team in investigations and audits, utilising software development best practices to effectively identify and resolve issues, resulting in improved product quality.
- Consistently exceeding daily KPI targets of producing 300 medication packs per hour whilst ensuring efficient and timely delivery to customers.

Mace Group: Quantity Surveying Internship (September 2021 – October 2021)

- I observed and learnt about the process of building a site worth £1.3 billion, gaining an insight into the architectural design and project management procedures.
- I demonstrated strong teamwork skills by working collaboratively with cross-functional teams to manage project data using Excel, allowing me to develop my analytical skills.
- I paid attention to detail and improved my organisational skills through assisting senior Quantity Surveyors in putting together tender documentations.

Clarks Temporary Sales Assistant (March 2021- September 2021)

- Demonstrated my ability to consistently convert customers from point of enquiry to sale, which earned me 'star of the month' for outstanding performance.
- Developed interpersonal skills by making tailored recommendations to customers whilst providing exemplary customer service.

Market Trader (August 2018- December 2019)

- Utilised negotiation and persuasion skills to tactically source cheap materials, ensuring profitability of the business.
- Demonstrated leadership through running the store independent and managing meetings with suppliers.
- Managed accounting records and finances, utilising excel to log data and analyse financial performance.

Education

- **2019- 2022** **Anglia Ruskin University:** BSc (Hons) Quantity Surveying- First Class Honours
- **2017- 2019** **Isaac Newton Academy A level grades:** History: A, Psychology: A, Politics: A
- **2015-2017** **Isaac Newton Academy GCSE's:** 9 GCSEs (A-A*) including Maths and English Language