

Nadia Ibrahim

Junior Software Engineer

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As a Software Engineer, I take pride in tackling challenges from both front-end and back-end perspectives. I am keen to approach tasks with a creative mindset, to create scalable software solutions. I enjoy staying at the forefront of technical developments, which has led me to pursue a career that values lifelong learning. I craft reusable clean code that ensures user-friendliness and accessibility. My experience has given me a range of transferable skills, both technical and soft, that have proven useful in team settings.

Technical Skills

- **Language:** JavaScript ES6
- **Front-End:** React.js, HTML5, CSS3, Three.js, FlutterFlow, Bootstrap
- **Back-End:** Node.js/Express.js, Jest, PostgreSQL, MongoDB/Mongoose, Firebase

Professional Experience

GG care: Software Developer Internship (September 2023 – December 2023)

- Utilised Flutterflow and agile methods to create a voice-assisted virtual care companion for elders, allowing carers to keep track of appointments, care needs, and network through an instant messaging service.
- Creating a responsive app and ensuring it has optimised performance through using Firebase functions to implement custom backend logic.
- Conducted user research to develop a Chair Exercise Alexa skill, an Interactive Voice Response (IVR) system that creates fitness routines for individuals with limited mobility, effectively meeting the target market's needs.

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 create responsive and accessible websites that are user friendly and visually appealing.
- As a back-end developer, I've demonstrated strong problem-solving skills through using Test Driven Development (TDD) to troubleshoot problems effectively. I gained knowledge in SQL, PSQL, complex queries, seeding data and implementing advanced error handling.

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

- Created a CRUD app which allows users to read and comment on games with React.js on the frontend and I delivered a RESTful web-based API using Express.js and PSQL on the backend.
- Built automated unit tests using Jest, to solve any problems in development.

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 using agile and scrum methodologies, leveraging individual strengths and expertise.
- Created a 3D web browser game using React Three Fiber on the frontend to create an engaging virtual environment.
- Utilised MongoDB and Express to create a REST API, enabling seamless storage and retrieval of data, whilst handling post requests for users to submit their scores.

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

- Applied 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)

- Gained valuable insight into architectural design and project management procedures by observing and learning from a £1.3 billion site construction project.
- Collaborated effectively with cross-functional teams to manage project data using Excel, honing analytical skills, and contributing to successful project outcomes.
- Assisted senior Quantity Surveyors in preparing tender documentations, enhancing attention to detail and organisational abilities.

Clarks Sales Assistant (March 2021- September 2021)

- Consistently achieved top sales performance, earning recognition as 'star of the month' for outstanding customer conversion rates.
- Provided exceptional customer service and developed strong interpersonal skills through effective communication and building rapport with customers to drive sales.

Market Trader (August 2018- December 2019)

- Utilised negotiation skills to source cheap materials, ensuring profitability of the business.
- Demonstrated leadership through running the store independently 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