Nadia Ibrahim

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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 skill set, 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, Flutter
- **Back-End:** Express.js, Jest, Node.js, PSQL, MongoDB, Firebase

Professional Experience

GG care: Software Developer Internship (September 2023 – December 2023)
- Worked collaboratively to create a voice-assisted virtual care companion for elders through employing Flutterflow, ensuring a seamless and responsive user experience.
- Applying Firebase functions to implement custom backend logic, optimising the performance and responsiveness of the app.
- Leading the development of GG Care Coordination, an all-encompassing solution for collaborative caregiving, enhancing communication and task management among caregivers.
- Pioneered the development of GG Care's Chair Exercise Alexa Skill, an Interactive Voice Response (IVR) system that transformed conventional fitness routines for individuals with limited mobility.

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)
- Utilised 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 by delivering tailored recommendations and ensuring customer satisfaction.
- Developed strong interpersonal skills through effective communication and building rapport with customers to drive sales success.

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