Justin Heath Full-Stack Developer

www.justcoder.co.uk

just.coder@outlook.com
Derby United Kingdom
www.linkedin.com/in/justcoder

Professional Statement

Passionate about implementing user-friendly applications with simple functionality but with a big impact on productivity and accuracy all supported by **23 years of experience** in industry.

Over the past six years I have grafted my way from a novice frontend developer to a competent individual now leading a solo project at Bowler Eggs to deliver a **MEAN Stack** enterprise application to replace five legacy systems and a SQL database. Prior to this I was a '**Senior Costing Accountant**' in the NHS where I pioneered the landscape of costing seen today in the NHS. This positive disruption saw years of tired meaningless spreadsheets transformed into BI applications gaining real world insights to the key stakeholders nationwide.

As a software developer I have shown a consistently positive attitude and drive to overcome the challenges of the role whilst crafting my skills. My proudest achievement in the past six years is **teaching five frontend bootcamps with PurpleBeard** where I curated the teaching and learning material. During this time **I mentored ten of the students** directly which saw all ten secure employment as frontend developers.

I am seeking an opportunity to continue my progression as an engineer and in return you gain a passionate individual who is keen to grow with the company. I never back down from a challenge, enjoy engaging with colleagues and stakeholders alike while passionate about learning and sharing my learning/experience.

Skills

Frontend:

4 Years	**JavaScript/TypeScript -** HTML, CSS, SASS, Bootstrap
2 Years	**React** – Class & Hooks, Redux, Material UI.
2 Years	**Angular** – Version 9-15, Reactive forms, PrimeNG, RxJs and NgRx.

Backend:

2 Years	**Python** – Django.
2 Years	**JavaScript** – Node.js, express.js.

Databases:

6 Years	**SQL** – T-SQL, SSIS, SSAS, SSRS, MDX queries, Redgate, Normalise.
2 Years	**MongoDB** – Mongoose, Atlas Triggers, ACID test, loading testing.

Debugging:

Chrome devtools for identifying bugs and understand the Stack & HEAP. State management plugins.

Lifecycle/Agile:

Hosting Heroku & Netlify, Testing Lifecycle, Rest API testing using Postman, Agile process JIRA. Version control GIT & GITHub.

Relevant Experience

Lead Full-Stack Developer – Bowler Eggs   (2021 –)
Implement the design and build the entire system for staff and clients to track the lifecycle of egg production.

As the sole developer I work closely with the all the lead user to design and develop their part of the application. Once approved I work in an agile way to design all the architecture of the database, transfer the data over from SQL, write all the frontend and backend code.

- Successfully managed a major IT project to replace the company's legacy systems, leading user design and building of an application dashboard.
- Consolidated fifteen years of data into a MongoDB database by leveraging my SQL expertise.
- Delivered the system on time within 24 months, allowing Bowlers Eggs to effectively track egg production with one sole system used by staff and clients.

APEX, HTML, CSS, JavaScript, TypeScript, Angular, RxJs, NgRx, Material, Bootstrap, PrimeNG, Node.js, Express.js, Mongoose, MongoDB, Atlas, SQL, Heroku, GIT, GITHub, Agile practices recorded in JIRA, SOLID & DRY Principles.

Teacher – PurpleBeard   (2021 – 2022)
Deliver a frontend bootcamp to 50 students and create the material for this process.

Create all the course material to deliver the tuition, in course practice examples, periodic projects and assessment. I delivered the tuitions in the evening and weekends to a group of students remotely ranging from 30 – 50 students.

- Led the overhaul of PurpleBeard's bootcamp program, drastically increasing student retention rates from 40% to 80% and more students successfully passing the course.
- Developed a comprehensive syllabus and training approach that dramatically improved comprehension among students who completed the bootcamp.
- Engineered meaningful learning experiences to boost engagement and ensure students developed technical projects at the end of the training.
- I taught 5 cohorts frontend courses & mentored 10 students into employment.

HTML, CSS, JavaScript(implementing OOP, FETCH & Asynchronous Behaviours), Bootstrap, Material, React.js.

Junior Full-Stack Developer - Nottinghamshire NHS CCG   (2017 – 2021)
A centralised healthcare system owned by the GPs to improve patient experience and track comorbidities.

Lead by the GP that designed and built the original application, given a part of the application to build. Team of 5 but we all worked individually to deliver the require development. I wrote all the frontend, backend and structured out the database for new data collected while calling on the data warehouse to utilise localised data. Supported the data analysis team by building SSIS scripts they could run to get data or providing them with the aggregated data upon request.

- Utilized complex SQL queries to aggregate and carry out complex data operations on billion row datasets from the healthcare data warehouse.
- Led a successful transition from outdated DotNetNuke/OpenWebStudio system to a more efficient React frontend, improving application speed and functionality.
- Gained valuable insight into Health Service operations and identified potential areas for improvement by working closely with GPs, practice staff and data engineers.

DotNetNuke, OpenWebStudio, HTML, CSS, JavaScript, React.js, Python, Django, SQL-Server, T-SQL, SSAS, SSRS, SSIS.

Senior Accountant - Leeds Teaching Hospitals NHS Trust   (2015 – 2017)
Seconded to take my achievements of clinical engagement at Nottingham Hospital and replicate this in Leeds.

Secondment to LTH to help gain clinical engagement to improve the trusts financial position. I met regularly with clinical leads to discuss the data being captured, the allocation of costs and design/build meaningful dashboards to interpret the data. Lead the submission of national costing data collections that are used by all trusts for benchmarking and set the tariff treatments are paid at.

- Led successful clinical engagement initiatives across the UK's 4th largest trust, Leeds Teaching Hospitals NHS Trust, which included 8 clinical directors and produced measurable savings that improved patient care.
- Awarded HFMA Costing Award for second year running in recognition of the accomplishments at Nottingham and Leeds Teaching Hospitals NHS Trust.
- Collaborated with HFMA to provide guidance and articles on effective best practice strategies throughout different trusts in the UK.

Excel, VBA, C#, QlikView, SQL-Server, T-SQL.

Senior Accountant - Nottingham University Hospitals NHS Trust   (2007 – 2014)
Started as a junior accountant and worked my way up to a senior accountant.

Refactored the costing system from spreadsheets into a BI application to visualise the data to gain clinical engagement and confidence. Many presentations given to consultants to shorted the learning curve of what we are doing and at national events to share understands and knowledge. General accounting processes completed like posting journals and ledger reports created to budge holders.

- Successfully established an automated process for accounting tasks, reducing manual labour by manually creating tens of thousands rows for input and streamlining the department.
- Spearheaded a paperless transformation within the finance department, improving efficiency and saving the trust valuable resources and improving accuracy of data.
- Demonstrated natural leadership skills while working in various departments, leading to multiple promotions until I took on the role of Senior Costings Accountant.
- Fostered collaboration with different departments, building strong relationships and gaining recognition from the Director of Finance.

Excel, VBA, C#, Qlikview, SQL-Server, T-SQL.

Customer Service Advisor - Bank of Scotland   (2004 – 2007)
Customer Service Representative - Capital One   (2001 – 2003)
Trainee Accountant - Pentagon Group   (1998 – 2001)

Education

NorthCoders - Software Developer (2021 - 2023)
BSC level 4 Apprenticeship Certificate

Purple Beard Training - Coding Boot Camp (2021 Jan - Mar)
w3school Front-End Certificate

Kaplan Online - Accounting AAT (2010 - 2014)
Level 2,3 & 4

Derby University - A Levels (2001 - 2003)
Maths, Physics & Computer Science

The Ecclesbourne School
GCSE (1990-96) GNVQ (1996-98)

Interests

Motor Racing, Rugby, Tennis & Golf.
Walking and Running with my dog.
National model car racing champion.
Networking with the Tech Community.