

- TYLER WILSON -

UK • +44 07527 006068 • tylerwilson0729@outlook.com • Website: <https://tylerwilson.vercel.app/>

PERSONAL STATEMENT

As a determined and skilled software engineer, I am experienced in delivering high-impact and cost-effective insights within the supply chain industry to encourage data-driven decision-making and increases in profitability. Gathering, cleansing and analysing data to drive business metrics, I regularly build automated reports using technologies such as SQL, Power BI, JavaScript and Excel VBA which have been successfully used to create high-impact solutions for organizations. Working under pressure and to tight deadlines, I am capable of foreseeing potential risks and proactively looking to implement data-led actions to navigate any challenges quickly, efficiently and professionally. A strong communicator, I am comfortable working through various scenarios with stakeholders and colleagues to achieve successful resolutions of challenges and situations.

TECHNICAL SKILLS

- JavaScript (TypeScript), Python – Competent
- Java, Golang – Familiar
- SQL: Postgres, Redshift Data Warehouse, MongoDB and DynamoDB
- Frameworks: React, NextJS, Spring, Express
- Testing Libraries: Jest, JUnit
- Git, AWS, Azure, Kubernetes, ETL

PROFESSIONAL EXPERIENCE

Amazon UK, Darlington • Inventory Control & Quality Assurance (ICQA) Data Analyst

04/2021 - Present

During my current employment with Amazon as an ICQA Data Analyst, my primary responsibility is to take ownership of deep dives following process failures to future-proof business stability and allow teams to decrease error injection. Due to Sarbanes-Oxley Act compliance, I am required to demonstrate diligence and work within a strictly regulated environment. As a member of the ICQA department, I work with a wider team using agile methodologies and continuous improvements to improve inventory quality. In addition to the above, my other key achievements include:

- Using Python to create a root cause analysis algorithm to detect process errors which reduced the occurrence by 80%
- Collaborating closely with Loss Prevention teams to develop a ReactJS application to identify high-interest inventory transactions – reducing research times by 70%
- Design and implementation of a UK-wide reporting process, used to significant effect by twenty fulfilment centres, to streamline and improve the efficiency of damage research and analysis

Amazon UK, Darlington • Inbound Problem Solver

06/2020 - 04/2021

Working as an Inbound Problem Solver at Amazon, I was primarily responsible for collaborating with colleagues and external stakeholders to proactively address process issues and reduce the impact of defects, driving an increase in customer experience. Using my problem-solving skills to navigate past process barriers, I am capable and experienced in making critical decisions in a pressured environment. My additional responsibilities included:

- Leading the development of a VBA Excel tool to proactively highlight first-in-first-out issues reducing allocated hours by 65% across multiple UK sites
- Leading and pushing innovation projects such as the above – proud to have received an award from the company for driving cost reductions of £1.7 million as an output of my innovation

XY Brand (UK) Ltd, Darlington • Director / Business owner

11/2018 - 06/2020

Running my own business, I single-handedly developed and operated an E-Commerce site, utilizing a Golang GRPC microservice backend orchestrated by Kubernetes and a vue.js frontend using a RESTful API. Negotiating import deals with overseas manufacturers vastly improved my communication skills and I learned to adjust my communication based on the situation. Steering negotiations with the intent to lower my costs, I was able to keep my product affordable to the consumer and profitable. In addition, I was responsible for:

- Managing the integration of support systems such as Jira
- Creation of a custom reporting dashboard to track key business metrics such as orders, stock alerts and support tickets
- Designed a marketing strategy using platforms such as MailChimp, SEO Optimizations and Facebook ads

EDUCATION

BS in Computer Science, University of London

04/2022 – Present

A-Levels (Math, Physics, Chemistry), Polam Hall School

09/2016 – 08/2018