<https://www.devonjobs.gov.uk/it-digital-transformation-business-support-junior-software-developer/70175.job>

Essential

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| **Experience**   * Evidence that shows an understanding of / aptitude for the design and development of software applications * Experience of working at a fast pace * Experience of different project management methods * Experience of developing software applications * Experience of using a market leading low-code development platform * Experience of dealing with changing requirements   For the last 2 years or so, I have building surveys using a low code survey development platform. What started out as a requirement for the psychological research studies has fuelled a passion for web development. Having now worked to strict deadlines on multiple clinical trials (including COVID trials) and multiple personal projects. |
| **Practical Skills**   * Knowledge and familiarity of programming languages for example Javascript, XML, ASP.Net VB/C# or SQL * Experience of using HTML5 and CSS to develop digital services * Evidence of reviewing code to identify defects * Experience of developing a software application using Outsystems   Javascript is my first language and familiar with concepts (promises/). I so far have experience with full-stack javascript (MERN stack)….  Integrating with API (REST and graphql)…  I first started with MongoDB, although have now been moving into relational databases (postgres) and am learning SQL.  In my role, I have been tasked with some preliminary data analysis with Excel and managed to rapidly transfer coding knowledge to VB to write some macros to make this more efficient. |
| **Communication**   * Excellent interpersonal skills * Ability to communicate effectively with colleagues as part of a multi-disciplinary team * Ability to fulfil all spoken and written aspects of the role with confidence and fluency in English * Able to build rapport with customers   During my degree, I did a lot of voluntary work with young people (mainly coaching) which developed my interpersonal skills. My work with the university…. |
| **Personal Qualities**   * Highly organized, with a structured approach to challenges and attention to detail * A logical approach to problem solving * Demonstrates creativity when responding to challenges * Able to adjust to take account of changing circumstances * Able to work under pressure at a fast pace * Proactive approaching to learning and developing new skills   Code came into my life for the surveys I was building but was has made me invested into continuing has been the everlearning. Suits my brain to keep learning being very focused on self-growth.  Always been driven to STEM….  I am very self-driven… Reslient… Adaptive… Pro-active… |
| **Strategic Thinking**   * Ability to understand the impact of projects on the wider organisation * Considers how development work meets identified user needs * Understanding of how digital and technology is driving rapid change * Knowledge of the wider challenges facing local government.   Much of my development work and custom code at the university has been to better the user experience of rather extensive psychological assessments.  Having worked on multiple clinical research trials, I am well aware of the requirements on tech….  Tech is rapidly changing…. |
| **Technology / IT Skills**   * Knowledge and familiarity of programming languages, for example Javascript, XML, ASP.Net VB/C# or SQL * Experience of using HTML5 and CSS to develop digital services * Evidence of reviewing code to identify defects * Knowledge of Internet related security methodologies and standards * Understands how to design and develop secure web-based services. * Experience in applying agile development methods to digital service delivery * Experience of developing digital applications.   I have around 2 years experience with HTML5/CSS/JavaScript in building web applications which has regularly involved reviewing/testing/debugging. This has included authentication and HTTPS for security. |
| **Education / Training**   * Educated to degree level in Computer Science, Software Engineering or similar discipline * Low code development platform training and certification   My degree specialism is Psychology, which although not Computer Science, did involve much study over how the brain learns and how to keep the brain healthy, which as seen above is an important side of web development/coding.  As well as practically developing projects, I have been forming my own curriculum to build up some of the required theory taught through a computer science degree including data structures and algorithms. |

Experience

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* Knowledge and familiarity of programming languages for example Javascript, XML, ASP.Net VB/C# or SQL
* Experience of using HTML5 and CSS to develop digital services
* Evidence of reviewing code to identify defects
* Excellent interpersonal skills
* Ability to communicate effectively with colleagues as part of a multi-disciplinary team
* Ability to fulfil all spoken and written aspects of the role with confidence and fluency in English
* Highly organized, with a structured approach to challenges and attention to detail
* A logical approach to problem solving
* Demonstrates creativity when responding to challenges
* Able to adjust to take account of changing circumstances
* Able to work under pressure at a fast pace
* Ability to understand the impact of projects on the wider organisation
* Considers how development work meets identified user needs
* Understanding of how digital and technology is driving rapid change
* Knowledge and familiarity of programming languages, for example Javascript, XML, ASP.Net VB/C# or SQL
* Experience of using HTML5 and CSS to develop digital services
* Evidence of reviewing code to identify defects
* Knowledge of Internet related security methodologies and standards
* Understands how to design and develop secure web-based services.
* Educated to degree level in Computer Science, Software Engineering or similar discipline

Desirable

* Able to assist less experienced colleagues
* Experience of developing software applications
* Experience of using a market leading low-code development platform
* Experience of dealing with changing requirements
* Experience of developing a software application using Outsystems
* Able to build rapport with customers
* Proactive approaching to learning and developing new skills
* Knowledge of the wider challenges facing local government.
* Experience in applying agile development methods to digital service delivery
* Experience of developing digital applications.
* Low code development platform training and certification