James Burch
Junior Full Stack Developer

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Executive Summary

Diploma in Full Stack Software Development from the Code Institute. Proficient in HTML, CSS, JavaScript, and Python, with 4 years of experience in telecommunications and data centers. During this time, I led the installation of fibre in Newport Pagnell, which resulted in landing more contract in other areas such as Stevenage. Passionate about leveraging my technical background to build robust and scalable applications, I have transitioned into software development to bring innovative solutions to complex problems. A collaborative team player with a keen eye for detail and a strong commitment to continuous learning, I am excited to contribute to an innovative tech team and further develop my skills in software development.

Education

February 2024 – Present   **Diploma in Full Stack Software Development** *(E-commerce)*

Code Institute - Dublin, Ireland - (Credit Rated by University of West of Scotland)

6th Form/College   **A level/Btec – E/Distinction/A**

Maths, Engineering and Product Design

Technical Skillset

Technologies:	**HTML, CSS, JavaScript, Python**
Databases:	**MySQL, SQL**
Version Control:	**Git, Github, Heroku**
Testing:	**JEST**
Additional:	**Agile, Design Thinking, UX design,**

Portfolio projects

1. **Realign Cambs -** A website made using HTML and CSS only around a local sports physio massage business to allow the user to understand different treatments offered and send a booking enquiry to have a problem looked at that they might have. For this project I worked alongside the man who runs it to mimic a real working experience of working alongside a customer to get a product they are happy with.

2. **High Octane** – A fun challenging game made for car lovers using HTML, CSS and JavaScript, the focus of this project was JavaScript. I have created code that give the user an option of 3 different stats to play the game with. Simply the user has to guess if the current number is higher or lower than the car that has the data hidden, the code then check if the users input is correct and the game ends or carries on.

3. **Fitness Tracker App –** A fitness tracker app that is run through a python terminal, the codespace is setup to use a HTML template provided by Code Institute which I have added python code too. This is to easily display the terminal for grading purposes. The tracker app allows a user to create or login to an account and log their workouts and retrieve previous workout data.

Work Experience

April 2023–Present   **Role: Service Contract Engineer   Company: Splice Group**
                                                        Location: Peterborough/Corby

 A summary of my role as a Service Contract Engineer on the Lloyds Contract for Splice Group is to complete a series of tasks set throughout the week, action/complete the task, complete the documentation attached to the job and respond to emails and sharepoint chain to keep the customer updated what stage the work is at.

- Installation of F tube and preterm from server cabs to ODF's meeting specification.
- Fluke testing end to end fibre links ensuring they are within the ISO/IEC 14763-3 Test limits
- T2 Scope and patching – Visual check of documentation against physical infrastructure to ensure that the requested install has the correct details to be actioned.
- T1 end connecting after a T2/Scope to complete the live link.
- Stock checks across multiple sites
- Working alongside 3rd party clients to assist in Dedicated Resource tasks, ensuring precise work whilst completing the task in the set time frame.

April 2021–April 2023   **Role: Telecommunications Engineer   Company: Raven Utilities Ltd**
                                                            Location: All of London Boroughs, Milton Keynes, Suffolk, Stevenage

- Installation of fibre optic cables including 12F/8F/4F CBT ready for home connections.
- Installation of mobra bracket support arms in footway chambers to ensure that the CBT are supported and do not break
- Installation of subduct to carry 488F cable to reach from exchange to various PON locations to feed residential and industrial areas
- Installation of COF600 fibre cable to feed splitters and track joints
- Climbing telephone poles and installing CBT's ensuring they follow regulations.

Certifications

- Safety in Confined Spaces

Interests/Additional Information

- I have a huge love and interest into anything to do with cars I am a massive petrol head.
- I also regularly go to gym, love to eat healthy and commit to gaining muscle and cutting back to potentially compete in a body building competition.
- Currently working on a portfolio website to showcase my skills in software development, my keen eye for detail and real passion that I have developed for seeing my ideas come to life. Having always loved product design and learning about design processes and the reason for the way things are produced I think this is why I love front end development so much.
- I am still currently working on my 4th Portfolio Project with Code Institute which will showcase all of the skills I have learnt so far including MySQL and some API's.

Languages

- English: Native speaker/Fluent   *References available upon request*