

Ryan Winter

Preston PR4

ryanwinter1989@gmail.com

07946649774

Github: <https://github.com/zZWinterZz>

Summary

Highly adaptable and experienced professional who recently completed a rigorous **16-week AI-Augmented Full-Stack Developer Skills Bootcamp**, gaining proficiency in **Python, Django, JavaScript, HTML, and CSS**.

Combining this new full-stack foundation with prior expertise in **IT, networking, and cybersecurity**, I bring a strong analytical and problem-solving aptitude—honed through diverse technical and engineering roles—to complex digital challenges. Committed to continuous professional development and excelling in new environments.

Technical Skills

- **Programming & Frameworks: Full-Stack Software Development**, Django framework, Python, JavaScript, Bootstrap, HTML, CSS
 - **Web Development & Tools:** Working With Database Management Systems, Virtual Environments in Python, Heroku for Students, User experience (UX) optimization, Mobile application development
 - **Methodologies:** Principles of Agile Development, Hackathon experience (Front-end and Full-Stack)
 - **Digital Systems & Security:** Networking, Cybersecurity, Internal database documentation
-

Work Experience

Full-Time Parent (Career Break) | Blackpool | September 2020 to Present

- **Strategic Career Transition:** Dedicated time to professional upskilling by completing a rigorous **16-week AI-Augmented Full-Stack Developer Skills Bootcamp** to secure formal skills in Python, Django, JavaScript, HTML, and CSS.
- **Self-Directed Learning & Discipline:** Actively engaged with digital development and successfully balanced structured technical training with full-time caregiving responsibilities.

- Maintained practical problem-solving and diagnostic skills by servicing and repairing vehicles.

Plant Fitter | Smiths Equipment Hire, Blackpool | July 2017 to September 2020

- **Internal Digital Documentation: Digitally documented all work on an internal database**, maintaining clear and accurate records of maintenance and repairs—a skill critical for software documentation and project logging.
- **Technical Diagnosis and Resolution:** Diagnosed, repaired, and maintained a diverse fleet of heavy diesel machinery, including excavators and dumpers.
- Ensured all equipment was in safe working order and complied with safety regulations.

Self-Employed App Developer | 2016 to July 2017

- **Full Development Lifecycle Management:** Managed all aspects of the development process, from initial concept to deployment and updates.
- **User Experience (UX) Focus:** Ensured applications were optimized for performance and **user experience**.
- Developed and maintained mobile applications using visual programming (Stencyl).

Vehicle Mechanic | HM Armed Forces, United Kingdom | January 2010 to April 2017

- **Problem-Solving & Diagnostics in High-Pressure Environments:** Conducted advanced fault finding and complex repairs on a wide range of military vehicles, including **Main Battle Tanks (Challenger 2)**, **Tracked Reconnaissance Vehicles (CVRT)**, and modern armoured platforms. This required a systematic and logical approach to diagnose failures quickly and accurately, a core skill for debugging software.
- **Compliance and Quality Assurance:** Executed detailed servicing and pre-M.E.I checks (military equivalent of M.O.T). Consistently upheld the highest **military values and standards** under tight deadlines.

Education

- **16 week AI-Augmented Full-Stack Developer Skills Bootcamp** (Code Institute)
 - Core Modules: Front-end Development (HTML, CSS, Bootstrap), Interactive Front-end Development (JavaScript), Full-Stack Frameworks (Python, Django).
 - Completed: October 27, 2025
- Gateway Lvl 3 Networking and Cybersecurity
- Gateway Lvl 2 Digital Skills and the Creative Industries
- NVQ3 in Engineering Maintenance and Equipment Maintenance Engineering, School of Electrical and Mechanical Engineers
- Beacon Hill High School – GCSE's