

Danille Hamilton

Full Stack Developer

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I am a detail-oriented and adaptable Full Stack Developer with a Level 5 Diploma in Software Development and an academic background in psychology. Which allows me to have a user-focused, analytical approach to problem-solving. I have hands-on experience delivering end-to-end solutions using Django (Python), JavaScript (React), RESTful APIs, and SQL databases, alongside working knowledge of cloud technologies and CI/CD workflows. My strengths lie in writing clean, maintainable code, collaborating effectively within agile teams and contributing to scalable digital products that align with business goals. I am proactive in adopting new tools and best practices. I value inclusive, high-performing team cultures. I'm particularly motivated to contribute to organisations that prioritise innovation, operational excellence and user-centric design.

SKILLS

Technical Skills:

- **Programming Language:** Python, JavaScript, HTML, CSS, Shell Scripting, TypeScript, Swift, SwiftUI, Node.JS
- **Frameworks:** Django, Flask (Python), React (JavaScript)
- **Databases:** MySQL, PostgreSQL
- **Testing:** PyTest (Python), JUnit (Java)
- **Version Control:** Git, GitHub
- **Other:** Xcode, RESTful APIs, Bash, Responsive Web Design, Sigma, AWS

Soft Skills:

- **Problem-Solving:** consistently identify process inefficiencies and implement solutions to improve customer outcomes, in my current role.
- **Self-Motivation:** As someone new to software development, I proactively seek opportunities to learn, improve, and solve technical challenges independently.
- **Adaptability:** Transitioning into software development has required me to quickly learn new programming languages and frameworks to deliver functional projects.
- **Attention to Detail:** Working with RESTful APIs and databases like PostgreSQL, I ensure code precision and data integrity across development projects.
- **Time Management:** Balancing my software studies alongside professional commitments has taught me to prioritize tasks and meet deadlines effectively.

PROJECTS

Portfolio website - React, HTML, CSS

[Github](#) | [Live link](#)

- Designed and developed a responsive website to promote all the various projects I have worked on.

Simpson Smash - HTML, CSS, JavaScript

[Github](#) | [Live link](#)

- Designed and developed a 2D browser-based game using JavaScript, integrating dynamic animations, score tracking, and interactive features for user engagement. Optimised for responsive gameplay across devices.

Inkpad - HTML, CSS, Django, JavaScript, PostgreSQL

[Github](#) | [Live link](#)

- Developed a Django-based platform for reading, writing, and sharing books. Implemented secure authentication, responsive interfaces, and dynamic content management with PostgreSQL integration.

Innoevent - HTML, CSS, React, Django, API, PostgreSQL

[Github](#) | [Live link](#)

- Built a full-stack web app to connect tech professionals with events. Led front-end development with React and integrated Django/PostgreSQL for secure user management and dynamic event content display.

CERTIFICATIONS

IOS & SWIFT - THE COMPLETE IOS APP DEVELOPMENT BOOTCAMP

Udemy

Ongoing –

Full Stack Software Developer - PASS

- Code Institute

Apr 2023 – Apr 2024

BSC Psychology - 2:2

- University of Wolverhampton

Sept 2018 – July 2021

WORKING EXPERIENCE

JUNIOR SOFTWARE DEVELOPER - J T G Trucking, Birmingham

Oct 2024 – Present

- Designed and built a **full-stack web application** to enhance trucking operations, leveraging **React (JavaScript), Nod.js, Django (Python), and PostgreSQL, Restful APIs, CSS**.
- Developed an **automated customer inquiry handling system**, reducing manual workload by **40%** and improving response times.
- Implemented digital marketing and SEO strategies, increasing online visibility and customer acquisition by 30%.

Healthcare Assistant

May 2021 – Present

Birmingham and Solihull Foundation Trust - NHS, Birmingham, UK

- Assessed patient conditions, devised tailored mental health interventions, and managed crises effectively, enhancing overall care quality.
- Fostered interdisciplinary teamwork to create and execute comprehensive patient care plans, ensuring seamless information exchange.
- Upheld meticulous data accuracy standards, ensuring precise documentation for improved patient care continuity and legal compliance.

Screening Officer

Sep 2021 – Dec 2021

Capita, Birmingham, UK

- Conducted thorough audits of background check procedures, ensuring high standards of accuracy and reliability in screening processes.
- Identified inefficiencies in background screening and implemented a script to improve accuracy by 20%.
- Introduced structured data review processes, reducing errors and improving turnaround times.

Laboratory Assistant

Jan 2021– Mar 2021

Queen Elizabeth Hospital - NHS, Birmingham, UK

- Automated data logging, improving efficiency and reducing human error in quality control reporting.
- Assisted in the optimization of laboratory workflows, decreasing process bottlenecks and improving turnaround time by 15%.