

# Joseph Jenkins-Baille

## Junior Full Stack Developer

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### Executive Summary

Dedicated and highly motivated Junior Full Stack Developer with a strong foundation in Full Stack Software Development from the Code Institute. Proficient in HTML, CSS, JavaScript, and Python. Currently expanding skills in Predictive Analytics. A former Secondary Mathematics teacher with a passion for problem-solving, strong analytical abilities, and fluency in French. Excited to contribute to dynamic development teams and create innovative web solutions.

### Education

- **Full Stack Software Development**  
*Code Institute*  
*July 2023 - Present*
- **Postgraduate Diploma in Education (PGDipEd) - Secondary Mathematics**  
*University of Birmingham*  
*September 2020 - July 2021*
- **Bachelor of Arts (BA) in Mathematics and Music**  
*Cardiff University*  
*September 2017 - June 2020*

### Technical Skills

- **Languages:** HTML, CSS, JavaScript, Python
- **Version Control:** Git, GitHub
- **Additional Skills:** Predictive Analytics (In-progress), Fluent in French

### Projects

#### **HTML/CSS Page - History of Nintendo**

- Created an interactive web page detailing the history of Nintendo using HTML and CSS.
- Demonstrated proficiency in front-end development, including responsive design.
- [GitHub Repository](#)
- [Live Demo](#)

#### **JavaScript Project - RPS-7 (Rock, Paper, Scissors-7)**

- Developed a player vs. computer game of Rock, Paper, Scissors with a twist, using JavaScript.
- Utilized problem-solving skills to implement game logic and interactivity.
- [GitHub Repository](#)
- [Live Demo](#)

### **Python Data Project - School Admin Student Data Tool**

- Developed a Python-based web application designed for School Admin use, allowing efficient filtering of student data and seamless addition of students to a Google Sheet.
- Implemented features for quick data analysis, ensuring user-friendly interactions for administrators.
- Utilized Python, Flask framework, and Google Sheets API for seamless data integration.
- [GitHub Repository](#)
- [Live Demo](#)
- [Google Sheets Integration](#)

### **Professional Experience**

#### **Teacher of Mathematics:**

**Sandwell Academy**, Birmingham | September 2022 - August 2023

- Designed and delivered engaging mathematics lessons to secondary school students.
- Employed effective classroom management techniques and differentiated instruction to meet diverse learning needs.
- Collaborated with colleagues to develop curriculum materials and assessments.
- Contributed to the school's extracurricular activities, fostering a positive learning environment.

**Ash Green School**, Coventry | September 2021 - August 2022

- Taught mathematics to students of varying abilities, implementing creative teaching strategies.
- Supported students in exam preparation, resulting in improved test scores.
- Organized and participated in parent-teacher conferences to discuss student progress.
- Led mathematics-related extracurricular activities and clubs.

### **Personal Interests**

- **Video Games:** Passionate about video games and their underlying code.
- **Music in Games:** Conducted research and wrote a dissertation on the History of Music in the Legend of Zelda series.

### **References**

Available upon request.