

BRIAN CONNOLLY

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I am a positive and ambitious person seeking a position that matches my goals. I graduated with a first-class honours degree in Information Systems Management from GMIT in 2017. I completed a Diploma in Full-Stack Software Development from Code Institute in September 2021. I also completed an MSc in Software Design with Cloud Native Computing in September 2023 where I received a first-class honours degree from Athlone IT. I have a vast and extensive knowledge in the technology sector including but not limited to Python, JavaScript, Java, PHP, AWS, OOP, Docker, Kubernetes, React, Django, Flask, Microservices, CSS and WordPress. I have two AWS certifications in Cloud Computing and experience in frontend development with freelancing. I have a deep love for technology and a passion for learning and upskilling.

EXPERIENCE

NOVEMBER 2023 – APRIL 2024

SOFTWARE ENGINEER, EZORA LTD.

- Predominantly involved in backend development and developing the API connection and developing external connections to outside APIs.
- Python and PHP were the main technologies used. Also, developed functionalities in the frontend using frontend technologies such as jQuery and vanilla CSS.
- Javascript and the use of frontend technologies such as React were used to upgrade the user experience on certain tools.

DECEMBER 2021 – NOVEMBER 2023

SOFTWARE ENGINEER, PAYSLIP LTD.

- Built an invoice generator using Python, Flask and React. Developed a CI/CD pipeline for the project utilizing Gitlab, Jenkins, Snyk and AWS. I was in charge of all aspects of this project including release deployment.
- Built and tested a successful deployment of a new piece of software to calculate GLs. This project used extensive Python Knowledge including the use of Pandas, Numpy and Matplotlib. Pytest was used for testing and a CI/CD pipeline was setup utilizing python standards such as Pep8.

JANUARY 2020 – PRESENT

FREELANCE SOFTWARE DEVELOPER

- Built, tested and deployed several websites and web applications for clients.
- Built sites and Web Applications in Python using both Flask and Django frameworks. I have used frontend frameworks such as React.
- Built sites based on clients needs and desires, this included sites using WordPress, PHP and Headless sites using a WordPress backend with React frontend.

- I continue to manage and build sites for clients. I use a variety of technologies dependent on the client needs. Testimonials and references are available

EDUCATION

SEPTEMBER 2022 – SEPTEMBER 2023

MSc. IN SOFTWARE DESIGN WITH CLOUD NATIVE COMPUTING

ATHLONE INSTITUTE OF TECHNOLOGY

Details: Graduated with a first Class honours degree. Java and Python were extensively used throughout. Built a Microservices project including Spring Boot, Cloud, Eureka etc. Final Year Project involved a research project involving Python and Machine learning technologies to answer the question “Can we predict when an athlete can be most at risk of injury in training”. Neural networks using PyTorch was found to offer the best predictor.

SEPTEMBER 2021

DIPLOMA IN FULL STACK WEB DEVELOPMENT,

CODE INSTITUTE

Details: This diploma involved 4 different Milestone projects which all added up to the final grade that I achieved. The final project was a full stack e-commerce application I created called Fit as a fiddle which I used to sell fictional gym and workout items.

SEPTEMBER 2017

BACHELOR OF ARTS IN INFORMATION SYSTEMS MANAGEMENT,

G.M.I.T GALWAY

Details: I achieved a first-class honors degree. The course entailed programming and database management techniques.

SKILLS AND CERTIFICATIONS

- AWS Solutions Architect Associate Certification & AWS Developer Certification.
- Python, JavaScript, React, CSS, Flask, Django, Web3, Figma, HTML, WordPress, PHP
- Java, Microservices, Docker, Kubernetes
- Freelancing and remote work
- MySQL, MSSQL, Mongo DB, PostgreSQL, Heroku, Amazon AWS
- Critical Thinking and decision-making

ACTIVITIES

- Sport: I live and breathe sport. I am a keen GAA footballer for my club with a deep love for Tennis.
- Upskilling and Education: I am always trying to learn new things and find new ways of looking at problems. I am currently aiming to improve my programming skills and I believe as a software engineer, it's a constant learning process.
- Reading: Psychology is another big interest of mine. I love finding out more of the way we think as humans and how elite sportspeople deal with pressure.

References available upon request