Cían Martin Bohan

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I've been programming since I first attended my local "CoderDojo" at 11 years old. I enjoy low level programming in my spare time (learning about OS internals, writing assembly language, that sort of stuff) and drink a lot of tea and coffee :)

EXPERIENCE

Software Engineer   Experlogix Digital Commerce

October 2022 - present   *Drogheda, Ireland*

Full-stack Software Engineer focussing on both front-end and back-end development. Currently a Level 3 Support Engineer working to investigate and resolve platform and customer level issues.

Network SRE   Google Ireland

August 2021 - August 2022   *Dublin, Ireland*

As an SRE apprentice, I worked on implementing metrics collection and logging for a service which safely removes files from network vendor devices experiencing high disk utilisation, improving SRE's ability to gather and analyse detailed metrics from this service. I also worked on a dashboard to help my team gather insights on issue resolution metrics.

Corporate Operations Engineer   Google Ireland

August 2020 - August 2021   *Dublin, Ireland*

As a COE apprentice, I worked to provide key technical support to Google employees around the world. Debugged devices running macOS, Linux, Windows and ChromeOS. Remotely solved user access issues, ordered new equipment and resolved machine networking issues, among a multitude of other issues, and escalated with the correct teams when required.

College Work Experience   Aphix Software/NBX Talent

February 2019/February 2020   *Ireland*

Completed two weeks of work experience at NBX Talent as part of the Work Experience module of my Level 6 Advanced Certificate in Software Development. Here I designed and developed tools in Python to help automate the teams workflow.

Completed two weeks of work experience at Aphix as part of the Work Experience module of my Level 5 Certificate in Software Development. Designed a portal for viewing customer support feedback analytics. Also implemented a basic prototype of this system using JavaScript.

Web Developer   MOR Digital

Summer 2016/Summer 2017   *Drogheda, Ireland*

My first software development role; worked on a website deliverable for a client where I gained experience in front end web development and using MODX CMS. Also worked on a component of an iOS app. Returned for three months in summer 2017 where I developed front end components for the website of a major third level college in Ireland.

EDUCATION

FIT ICT Associate Professional Apprenticeship   **Fastrack into IT (FIT)**

August 2020 - August 2022   *Dublin, Ireland*

As part of my apprenticeship at Google, I attended college part time in order to complete the ICT Associate Apprenticeship - Software Developer course which was a mandatory component of my apprenticeship. This course consisted of several different components, including examinations, project work and industry certification.

Level 6 Advanced Certificate (Component) in Software Development   **Rathmines College**

September 2018 - May 2020   *Dublin, Ireland*

Received a Level 6 Advanced Certificate Component Award where I achieved three Pass grades, a Merit and two Distinctions, including a Distinction grade in Level 6 Mathematics.

Level 5 Certificate in Software Development   **Rathmines College**

September 2018 - May 2019   *Dublin, Ireland*

Completed a Level 5 Certificate in Software Development with an award of Distinction.

SKILLS

- **Programming languages:** C++, C, PHP 7/8, JavaScript, Go, Python, x86 assembly, SQL

- **Protocols:** Experience with REST, SOAP, RPC, also have detailed knowledge of core level networking protocols.

- **Data interchange formats:** Experience working with JSON, XML, cXML, Protocol Buffers.

- **Environments:** Extensive experience working in Linux/UNIX development environments, lots of Linux/UNIX CLI experience. Also have experience working with Windows, although to a lesser extent.

- **Front-end web development:** Lots of experience working with HTML and CSS, have also used Sass extensively.

- **Development tools:** Experience with Git, GCC, GDB, Clang, Make, CMake, GitHub, Jira, VS Code, Visual Studio, Xcode, npm, among many other tools.

- **Frameworks/API's:** Experience with Symfony PHP framework, Node express framework, gRPC. Also have experience with SDL (Simple Direct Media Layer) C library, and limited experience with OpenGL 4.x.

- **Databases:** Experience working with MySQL and more limited experience with Postgres.