CURRICULUM VITAE

I am a highly analytical and motivated individual, with substantial experience designing and developing dynamic web applications and software. I am passionate about starting a career in development and so have recently completed an 18-month Coding Traineeship as a full stack developer. I have completed two real-world projects to specification showing competent use in a wide range of front and back-end programming languages. I have also completed a range of freelance projects for paying clients. I am a real people person with excellent communication skills at all levels. I am confident that I will hit the ground running and be an asset to your organization.

PERSONAL DETAILS

NAME: Jed Boyle

RESIDES: East Sussex

TRANSPORT: Full UK driving license and own vehicle

CONTACT DETAILS: (M) 07944 309550
                        (E) jedboyle01@gmail.com
                        (W) https://www.jedboyle.com/

CODING TRAINEESHIP

IT Career Switch Ltd:

                        Coding Traineeship – Full stack developer
                        1-year program

During the traineeship, I had to demonstrate a very competent level of the following programming languages and technical skills:

- HTML5, CSS3, Bootstrap, JavaScript,
- PHP, Python, Java, C#
- jQuery, AJAX, cURL, Linux, Apache XAMPP, MySQL, PHP (LAMP stack)
- Handlebars, JSX, Mongo DB, express.js, Angular, Node.js (MEAN stack)
- Python, Django/Flask framework
- Restful APIs
- Sequel Pro database, MySQL
- Raspberry Pi
- Bash terminal
- Git version control, GitHub
- VS Code, Adobe XD, Adobe Illustrator, Adobe Photoshop, Adobe InDesign
- Mobile-first UI/UX dev, Agile dev

I have recently passed my **Microsoft 98-383: Introduction to Programming Using HTML and CSS**. More information on this certification can be found at:

https://docs.microsoft.com/en-us/learn/certifications/exams/98-383

<u>DEVELOPMENT EXPERIENCE</u>:

Below are the two briefs of development projects I successfully completed with IT Career Switch which can be found in my bio:

https://www.jedboyle.com/

Portfolio Project #1: "Gazetteer"

This project was to reply to a website specification for a map-based app to provide information on countries – with a focus on "mobile-first" development. Preferably using a framework, to then develop HTML, CSS, and JavaScript with JQuery modules that use PHP server-based components to source data from third-party APIs (Leaflet.js, Geonames, OpenWeather, and various other APIs). The solution is assessed on its delivery to specification, functionality, and usability.

Portfolio Project #2: "Commercial in Confidence"

A more rigorous reply to the specification was required for this project, as a user requirements document was needed to be prepared and signed off before I could develop it, The main requirements for this project are to manipulate a company database that consists of employee user information that works for the hypothetical company. This design will run on CRUD functionality (create, read, update, and delete). These events trigger the release of SQL that updates the database. Sign off is only achieved upon supplying an independently witnessed document providing confirmation of the system's ability to perform error-free.

Portfolio Project #3: <u>www.jsummerfieldceramics.co.uk</u>

For this project, I was asked to design a website to showcase ceramic artwork for Sculptor Jackie Summerfield. Jackie needed an online central hub that displays her work that also links to her social media. This is a marketing decision that will turn her followers into potential clients. The goal was to develop a professional-looking, cleanly designed, and, easy to navigate portfolio site that, This site will provide potential clients with an overview of her talents, a portfolio of work in themed categories, a shop, and a way to contact her for commissions. This site has earned Jackie over one thousand pounds in the last year from the online shop I configured..

CAREER HISTORY:

Oct 2019 – present   **Freelance Web Development**
POSITION HELD: **Bootcamp Course (One- year course: Code Institute)**

Sep 2017 – Sep 2019   **The Agency**
POSITION HELD: **Part-time Web Developer (University Placement)**

- Designed, developed, and maintained dynamic web applications and websites for various clients to ensure the smooth progression of work by utilizing technical tools and technologies
- Attended client's meetings to comprehend requests regarding additional features/modification and to complete projects within the deadline
- Utilized standard HTML/CSS practices by creating website layout/user interface
- Administered and directed software system validation, testing, and coding methods
- Developed and supported secure applications, including websites and databases to take advantage of existing protocols
- Completed projects within timely and budgetary constraints, while working for Plymouth College of Art's in-house Agency
- Gained comprehensive knowledge of web application from concept to execution
- Designed various websites which can be found in my portfolio via www.jedboyle.com
- Successfully attained projects from external business and organizations

Apr 2018 – May 2018   **Elixel Ltd**
POSITION HELD: **Part-time UX/UI Development (University Placement)**

- A placement at one of the southwest's newest design agencies located in Plymouth. At Elixel they create award-winning apps and websites that benefit businesses and their customers
- Learned development practices
- Understood what agency working environments were like
- Met some people in the industry and an introduction to local web meet-ups

Nov 2015 – Feb 2016   **PTG Engineering**
POSITION HELD: **C.N.C. Mill Programmer**

- Managed machines that turn raw material into functional metal components
- Appointed for interpreting design blueprints, programming the CNC machine, and regulating machine settings as per requirement
- Manufactured nuclear submarine components on CNC milling machines
- Refined machining skills to achieve high standards performance

May 2015 – Sep 2015   **UHV Design**
POSITION HELD: **C.N.C. Mill Programmer**

- Managed machines that turn raw material into functional metal components
- Appointed for interpreting design blueprints, programming the CNC machine, and regulating machine settings as per requirement
- Refined machining skills to achieve high standards performance

Sep 2013 – Sep 2014   HMD Kontro
POSITION HELD: Supervisor/Engineer/Machinist/Fabricator

- Manufactured sealless magnetic drive pumps
- These high spec pumps were used for oil refineries and construction sites
- Gave insight into the large company structure and the systems their productions rely on

Apr 2012 – Jul 2012   Bohle Hydraulics and Engineering
POSITION HELD: Engineer/Machinist/Fabricator

- Mechanical engineering and machine fitting on trucks, hydraulic ram cylinders, and motors

Jun 2004 – Mar 2012   Hivac Engineering Ltd
POSITION HELD: Engineer/Machinist/Fabricator

- Fabrication and CNC apprenticeship training
- Gave a strong understanding of precision engineering and the machinery involved

EDUCATION:

2019   Edinburgh Napier University
Full Stack Coding Boot Camp (Diploma)

2019   Plymouth College of Art
BA (Hons) Graphic Design

2004 – 2006   HCAT Hastings
BTEC National Certification in Manufacturing Engineering Level 3
(*Grade: Merit*)