

Jeffrey Vavasour

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Full Clean Drivers Licence

Availability: Immediate

Portfolio | jeffreyvavasour.com

GitHub | github.com/jeffreyvavasour

Profile:

- Final year computing student specialising in Web Development and on track for a 1:1
- Strong in HTML5, CSS3, JavaScript and Java, while currently learning React, Node.js, Ruby on Rails with exposure to Bootstrap and Sass
- Experience using version control systems and command line interfaces.
- Experience with Cloud computing, relational databases, API's and DevOpsSec pipelines
- After discovering my passion for web development, I developed websites for personal use, friends, and as a freelance worker. I am excited to bring this passion a career

Education:

Sept 2023 – August 2024

National College of Ireland, Dublin

BSc (Hons) Computing – Specialising in Web Development

Modules: Object Oriented Software Engineering, Software Development, Introduction to Databases, Web design and Client-side Scripting, Advanced Client-side Development, Cloud Application Development, Computer Architecture Operating Systems and Networks, DevOpsSec

Object Oriented Software Engineering: Group project tasked with designing an application for a specific business domain (Garden Centre) using agile methodologies. Created a class diagram which was later developed and tested using Java.

Introduction to Databases: Designed and developed a database system for a lawnmower sales office. Project was completed using conceptual data modelling, logical and physical data modelling, data definition language, and structured query language.

Advanced Client-side Scripting: Developed a website with React which implemented the use of API's and Node.js for the backend which included authorization with a relational database.

DevOpsSec: Group project which required collaboratively working with tools and techniques to create a DevOpsSec pipeline. Creation of an automated CI/CD pipeline which built, tested and deployed an application. Technologies used were git, GitHub, CircleCI and AWS.

Cloud Application Development: Deployed a web application to AWS EC2 instance which used Ruby on Rails for the backend which worked with a HTML client and a React client also.

Sept 2014 – May 2018

IADT, Dun Laoghaire, Dublin

BSc (Hons) Applied Psychology (2:1)

Modules: UX/UI Design, Usability, Human Computer Interaction, Multi-media Design

UI/UX Design: Project involved collaborating with final year Creative Computing students to evaluate an application they had produced to assess the interface design and to generate an interactive prototype redesign. This was achieved through the prototyping tool InVision.

Multi-media Design: Group project to create a website based on research using techniques such as paper prototypes, online prototypes, pen on paper testing, online prototype testing, and focus groups. The website was built using Wix, a website building platform.

Sept 2008–June 2014
Leaving Certificate

Clonkeen College, Dublin

Technology Skills:

- **HTML5:** 3 years studying Hyper Text Markup Language. Developed many websites/applications using HTML.
- **CSS3:** 3 years studying Cascading Style Sheets. In depth knowledge of the box model, flexbox, grid, specificity, media-queries and architecture.
- **JavaScript:** Use JavaScript in projects for developing dynamic web pages. Knowledge of the DOM, events, scope, closures, promises, async await, and object-oriented programming.
- **Bootstrap:** Implemented Bootstrap in many developed applications.
- **Sass:** Use of the preprocessor scripting language Sass on projects to utilise its functionalities such as variables, nested rules, mixins, imports, inheritance, and built-in functions
- **React:** Currently advancing my skills in React, learning concepts such as props and events, state and lifecycle, forms, routing, and async and API's. Have developed CRUD applications interacting with a backend.
- **Java:** Used Java to create applications for college assignments. Currently enrolled in Java masterclass Udemy course.
- **Databases:** Studied Databases in college and designed and developed a database for a lawnmower sales office using modelling techniques and SQL.
- **SQL:** Gained knowledge of SQL and developed databases by writing queries.
- **Ruby on Rails:** Knowledge of the Model View Controller concept to produce applications. Have implemented CRUD functionalities using Rails framework.
- **Operating Systems:** Covered Memory Management, Resource Allocation, Scheduling, File Systems and Permissions including FAT and NTFS.
- **Version Control:** Experience using git and GitHub.
- **Cloud services:** Used AWS cloud services to create an EC2 instance to host and deploy an application.
- **CI/CD:** Use of CircleCI to implement an automated CI/CD pipeline connected to GitHub and AWS.

Career History:

Sept 2022 – Present:

National College of Ireland, Dublin

Freelance Developer

- Self-teaching software development through resources online such as Udemy, freeCodeCamp, Code Academy, YouTube etc.
- Learning through books such as "You Don't Know JavaScript Yet" and "Algorithms" by Robert Sedgewick
- Conducted freelance work developing a website for a landscaping company
- Gained experience working with clients to produce a desired product
- Knowledge of timeline requirements and constant communication between client and developer
- Consistently working on personal portfolio

Jan 2020 – Sept 2022:

Interflora Flower Shop, Finglas

Delivery Driver

- Organised delivery routes
- Ensured high level of presentation when conversing with customers
- Liaised with customers and shop to secure a working communication line

Jul 2019 – Jan 2020:

Allied Irish Bank, Dublin

Payments Officer

- To ensure payments are made on time
- Check payments are within corporate targets
- Confirm no duplicate payments are made
- Handle back-office duties related to payments
- To monitor and maintain bank account balances and assist the payment manager

Interests:

- New Technology: Keen interest in software developments - self-taught in many technologies (HTML5, CSS3, JavaScript (ES6), React, Java, Ruby, Ruby on Rails, Bootstrap, jQuery, Sass, Git, GitHub, Bash, Linux Kernel).
- YouTube: Subscribed to many channels which showcase modern techniques and new groundbreaking technologies related to the software development industry.
- Running/Walking: I run regularly and like to go out for walks daily.
- Guitar: Constantly learning/playing the guitar
- Football: Playing outdoor football every Wednesday evening.

REFEREES AVAILABLE UPON REQUEST