RONIT RAI

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**Formal EXPERIENCE**

**Coding INSTRUCTOR, Code Ninjas (FEB 23 – PRESENT)**

* Instructing Young Learners (Aged 5-15) on the basics of programming, inculcating good coding practices. Tutored 100+ students achieve a decent understanding of Game Development and have trained several students to grasp advanced concepts of development such as OOP, Physics Simulation, Testing & Debugging.
* Converting their ideas into games on languages such as Scratch, Python and C# with Unity. Helped create over 50+ fully finished games on various frameworks and languages.

**FULL STACK WEBSITE ENGINEER, Freelance**

* Sole Designer/Developer on Upwork/Fiverr, creation of Websites, Components and Features alongside integration with third party services and API’s.
* Using Custom Technologies such as the MERN/MEVN Stack to create embeddable and standalone projects for clients. Database technologies including SQL & NoSQL.
* Modifying existing projects and designs according to the requirements and providing custom solutions (plugins) for WordPress websites.

**Education**

**BSC INFORMATION TECHNOLOGY, Middlesex University (2022 – 2023)**

* Completed the 3rd year of my degree, graduated with Upper Second-Class Honors (3.7 GPA)
* Artificial Intelligence
* Business Intelligence
* Web Based Mobile Application Development

**ADVANCED DIPLOMA IN SOFTWARE ENGINEERING, Aptech Education (2018 – 2021)**

* 3 Year Diploma in Software Engineering paved the way for a credit transfer to Middlesex University London.
* Website Design + Development
* Mobile Application Development (Android + iOS)
* MVC Frameworks
* Project Management

**PROJECTS & Other Experience**

* [**J.P. Morgan Software Engineering Virtual Experience (2024)**](https://github.com/RonRaj101/forage-jpmc-swe-task-3)**:** Used JPMorgan Chase’s open-source library called Perspective to generate a Live graph that displays a data feed in a clear and visually appealing way for traders to monitor.
* [**Founder Equity Calculator (2024)**](https://github.com/RonRaj101/FounderEquityCalculator)**:** Interactive & reactive calculator designed for founders to calculate equity split based on multiple parameters. Created on Vue + Pinia, integrated on to a WordPress site as a module.
* [**BarterMate HYPERLINK "https://github.com/RonRaj101/BarterMate-App" HYPERLINK "https://github.com/RonRaj101/BarterMate-App" HYPERLINK "https://github.com/RonRaj101/BarterMate-App" (2023)**](https://github.com/RonRaj101/BarterMate-App)**:** E-Commerce Platform designed to reduce electronic waste by promoting recycling and reuse of electronic items. Created initially on PHP Core, modified with Ionic Frameworks for all platforms.
* [**Pandemic Board Game**](https://github.com/RonRaj101/Pandemic-Board-Game) (2023)**:** Replication of the Pandemic Board Game on a command line interface, created entirely on Java.

**Languages & technologies**

* Full Stack Website Development (MERN, MEVN, LAMP, Laravel, WordPress)
* Database Development (SQL, NoSQL, Vector)
* Application Development (Android, iOS, Ionic, Flutter)
* Java, C#, Python
* Linux, Bash, Virtualisation, Git

HTML, CSS, JS, VUE, SQL, LARAVEL, PHP, JAVA, MOBILE, WEBSITES, DEVELOPMENT, GITHUB, OPEN-SOURCE, WORDPRESS, WOOCOMMERCE, ELEMENTOR, PYTHON, JAVASCRIPT, UNITY, UNREAL, API, TESTING, DEBUGGING, MONGO, LINUX, BASH, C, C#, IONIC, FLUTTER, SOFTWARE, ENGINEERING, REACT, MVC, EXPERIENCED, DETERMINED, COMMAND LINE, GAME