

# Laurell Seville

[Laurellseville2000@gmail.com](mailto:Laurellseville2000@gmail.com) | 07549457675 | Huddersfield, UK | **VISA Sponsorship NOT required.**

<https://github.com/Laurell876> | <https://www.linkedin.com/in/laurell-seville-7236871aa/>

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## Personal Projects

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**Tenten:** An online rental property portal that uses web scraping, data mining and machine learning algorithms for time series forecasting to help renters in the UK get better deals on properties.

Languages and Frameworks: PHP Laravel (10) REST API, Pusher Web Sockets, Vue.js (3) with Typescript, Tailwind CSS, Flowbite, Cypress Testing, Swagger Documentation, PHPUnit Integration Tests, MySQL Database, JWT, Node.js, TensorFlow.js, Cheerio

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## Work Experience

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### GBR Software

**June 2021 – December 2022**

*Software Engineer*

*United States, Remote*

- GBR Software creates and uses a custom built, day trading tool to carry out custom trading methods on various exchanges.
- Built the application's initial frontend using Vue.js, and later worked on a rebuild using React.js with Material UI and MOBX.
- Built the application's initial backend using Node.js and MongoDB, and later worked on a rebuild using Nest.js and PostgreSQL with TypeORM. The entire system was configured to run in Docker containers and built with a microservices architecture.

### Orba Equity

**December 2020 – May 2022**

*Software Engineer*

*Kingston, Jamaica*

- Worked on Backend APIs using PHP Laravel and Java Spring Boot and Web Applications using Vue.js and React.js: <https://dashboard.orbaone.com/home/>, <https://zafe.app/>, <https://admin.zafe.app/>, <https://demo.orbaone.com/>
- Built static websites with UI/UX designers (using Figma) for internal SaaS Projects using Nuxt.js: <https://orbaone.com/>, <https://staffgenius.io/>, <https://orba.io/>
- Wrote integration tests for backend and frontend projects using Cypress and PHPUnit and setup CI/CD pipelines that ran tests before each deployment.
- Worked on deployment of internal SaaS Projects on Linux servers for external partners.

### UTECH Sapna

**September 2019 – July 2021**

*Software Engineer*

*Kingston, Jamaica*

- Worked on internal technology projects for the University of Technology Jamaica as well as external stakeholders using PHP Laravel, C# (DotNet), React.js and Vue.js: <https://internship.utechsapna.com/>, <https://jobfair.utechsapna.com/>, <https://maps.utechsapna.com>
- Worked on CI/CD pipelines and integration testing for different web applications.

### Osoobe Limited

**December 2020 – April 2021**

*Software Engineer*

*Kingston, Jamaica*

- Worked on the JAJ Portal Web Application, a student management system, using PHP Laravel: <https://stockgame.jajamaica.org/>
- Implemented a simulated stock market mini-game feature meant to teach students about the stock market.

## MLH Fellowship

October 2020 – December 2020

Software Engineer (Intern)

United States (remote)

- Completed an internship program where I worked in a small team to create small full stack applications using Python, Javascript (Node.js, Vue.js, React.js) and Flutter: <https://github.com/MLH-Fellowship/ayuda>, <https://github.com/MLH-Fellowship/mk-typing>, <https://github.com/MLH-Fellowship/webinge>, <https://github.com/MLH-Fellowship/github-discord-bot>, <https://github.com/MLH-Fellowship/github-discord-bot>

## eGov Jamaica Limited

July 2020 – November 2020

Software Engineer (Intern)

Kingston, Jamaica

- Worked on the Marcus Garvey Scholarship Portal web application 's backend API using Java Spring Boot: <https://marcusgarveyscholarship.gov.jm/>.

## The Palisadoes Foundation

June 2020 – August 2020

Software Engineer (Intern)

Kingston, Jamaica

- Worked on a business management mobile application, using Flutter and a graphql API (Apollo Server) built in Node.js.

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## Education

### University of Huddersfield, UK

January 2023 - January 2024

MSc in Computing (Pending)

Huddersfield, United Kingdom

### University of Technology, Jamaica

September 2018 - August 2022

BSc in Computing (Computer Science)

Kingston, Jamaica

- 3.45/4 GPA, Second Class Honors (Upper Division) (2:1)

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## Skills

Languages: JavaScript, TypeScript, PHP, Java, Python, C#

Frameworks and Databases: React.js, Vue.js, Laravel, Spring Boot, Node.js, Nest.js, MySQL, PostgreSQL, MongoDB

Tools and Services: Docker, Cypress, PHPUnit, Git, HTML, CSS, Laravel Forge,

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