Mathula Shanmugaratnam

33 Twyford Road, Harrow, HA2 0SH

07902416367 | mathula2504@gmail.com | [LinkedIn](https://www.linkedin.com/in/mathula/) | [GitHub](https://github.com/mathula2596)

**PERSONAL PROFILE**

Full-stack developer with 4+ years of expertise in React, Next.js, Laravel, and PHP, and a solid foundation in agile methodologies. Holding a Postgraduate Degree in Computing Systems from Nottingham Trent University, I have proven experience managing the SDLC, from planning to deployment. Seeking a challenging role to enhance technical skills and deliver impactful solutions that drive organizational success.

**KEY SKILLS AND ABILITIES**

* **Backend:** Node.js, Express.js, JavaScript, Typescript, Laravel, PHP, Python, Fast API, C#
* **Frontend:** HTML, CSS, Bootstrap, React, Next.js, Tailwind, jQuery, WPF (C#)
* **Database:** MySQL, SQL, Postgres, MongoDB
* **CMS:** WordPress
* **UI/Design:** Figma
* **Cloud Computing and Server Hosting:** AWS, Nginx, VPS, Shared Hosting, Domain and DNS Management
* **DevOps and Containerization:** Docker, Jenkins
* **Automation/Scripting:** Ms Excel, VBA
* **Version Control:** GIT, Bitbucket
  + GitHub: <https://github.com/mathula2596>
* Other Skills:
  + **Problem-Solving:** Strong analytical skills to troubleshoot and optimise code.
  + **Project Management:** Experienced in managing projects and meeting deadlines.

**EMPLOYMENT HISTORY**

**Full-Stack Developer**

***Mieszko Food City******Limited | Perivale, UK | From Nov 2023***

* Developed web-based applications using Next.js for real-time price adjustments and wastage management.
* Created a mobile application using Flutter for internal audits, improving accuracy and efficiency.
* Designed UI for an ERP application using Figma, ensuring user-friendly interfaces.
* Led the development of a new ERP system, enhancing business operations and efficiency.
* Implemented a Laravel and Next.js application for HR management, streamlining employee details and visa validity checks.
* Currently developing an ERP application using React, Node.js and Postgres.

**Engineer – Student Intern**

***BRUSH Electrical Machines Ltd | Ashby-de-la-Zouch, UK | Sep 2022 to Sep 2023***

* Analysed and understood VBA code, gaining comprehensive knowledge of how different modules within the program function.
* Mapped the interrelationships between various VBA modules to understand program structure and data flow.
* Captured and documented the current VBA program functionality, creating a detailed record for future reference.
* Listed all variables and their usage locations, assigning clear and descriptive variable names to improve code readability.
* Created a comprehensive user manual with clear inputs and outputs for each module, enhancing usability and facilitating training, which enabled colleagues to restructure formulas effectively.

**Junior Software Developer**

***Speed IT Net | Sri Lanka | Mar 2021 to Aug 2021***

* Developed a comprehensive Pharmacy Billing System (Point of Sales) using PHP, improving transaction handling and inventory management.
* Designed and implemented the Studio Order Management System in Laravel, streamlining order processing and client management.
* Maintained strong customer relationships to gather and understand project requirements, ensuring tailored solutions and client satisfaction.
* Collaborated closely with clients to provide ongoing support and updates, enhancing the overall user experience.

**Junior Developer**

***Utrop | Sri Lanka | Oct 2019 to Feb 2021***

* Developed and maintained the digital newspaper, Utrop, using WordPress and PHP, ensuring a user-friendly interface and efficient content management.
* Managed AWS S3 server for storing digital newspaper images, optimising storage and retrieval processes.
* Designed and developed a glossary website in Norwegian using WordPress, catering to specific language requirements and user needs.
* Utilized the Ubuntu operating system with Rsync to perform regular, automated, and manual backups.
* Participated in the design and development of the Golf Score Board application using Laravel, PHP, JavaScript, and jQuery, providing a comprehensive solution for tracking scores.
* Implemented ZOHO API to develop a Work Management System in PHP, streamlining workflow and improving task management and project monitoring.

**Software Developer - Intern**

***Infosystm | Sri Lanka | Jun 2019 to Sep 2019***

* Developed the back end of an Event Hall Booking System using Laravel, ensuring robust functionality and scalability.
* Designed and implemented a Point of Sales system for an ice-cream shop using PHP, enhancing transaction efficiency and user experience.
* Created and developed an Employee Management System using C#, streamlining HR processes, and improving data management.
* Collaborated with cross-functional teams to gather requirements and deliver customised solutions.

**EDUCATION & QUALIFICATIONS**

**MSc Computing Systems – *Commendation***

*Nottingham Trent University | 2021 – 2023*

**BEng Software Engineering – *Upper Second Class Honours***

*London Metropolitan University | 2018 - 2019*

**BTEC HND in Computing and Systems Development – *Merit***

*ESOFT Metro Campus | 2016 - 2018*

**Diploma in Software Engineering**

*ESOFT Metro Campus | 2015 - 2016*

**Diploma in Information Technology**

*ESOFT Metro Campus | 2015 – 2016*

**ADDITIONAL INFORMATION**

Languages – English - proficient; Tamil – Native.

Willing to relocate anywhere in the UK.