

Hariharan Ravichandran

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FULL STACK DEVELOPER

PROFESSIONAL SUMMARY:

Software Developer with an **MSc in Advanced Computer Science** and hands-on experience in **Full Stack Development** across organizations including **LTTS, We Consilium and Naxxar Technology**. Skilled in working with cutting-edge technologies and collaborating with clients to deliver high-quality solutions.

SKILLS:

- **Frontend Development:** React, TypeScript, JavaScript, Material UI, HTML, CSS, SCSS, SASS, Bootstrap, WIX.
- **Backend & Database Management:** Node.js, Express.js, MongoDB, C#, .NET, MS SQL.
- **Tools & Platforms:** Git, Jira, Bitbucket, CI/CD, Postman, Firebase, GCP, AWS, Agile, Scrum, SEO Principles.
- **Soft Skills:** Communication, Quick learning, Collaboration, Problem solving, Team work.

WORK EXPERIENCE:

Naxxar Technology – Web Developer (Contract) | London, UK

Sep 2024 – Present

- Developed a B2B web application for a Cargo emissions website (NAXXAR) using the **MERN (MongoDB, Express.js, React, Node.js)** by creating new features, integrating maps, connecting APIs, and developing endpoints.
- On the frontend, developed **React** class and functional components using **TypeScript** and styled them with **SCSS** ensuring **responsive UI** across all major browsers and devices, optimizing for compatibility and accessibility. Used state management tools to handle complex data flow.
- Collaborated with clients and designed wireframes using **Figma**, contributing creative **UI/UX** designs to enhance user engagement.
- Collaborated closely with the backend team to integrate **APIs** and deploy key features, such as **Forgot Password, Two-Factor Authentication (2FA)**, and **PDF generation for reports**, enhancing website security, user experience, and enabling users to download comprehensive data summaries.
- Managed project tasks, documentation, and progress using **Jira** for efficient team coordination and transparency. Maintained and updated the company website using **WIX** to ensure consistent content delivery and performance.

WECONSILIUM Limited - Full Stack Developer (Contract) | London, UK

Jul 2024 - Present

- Led the development of a scalable business portal using **Vue.js**, integrating over 10 advanced features, including Google Maps API for geolocation services and an OCR-based business card scanning tool.
- Partnered with cross-functional teams to revamp the user interface, utilizing advanced **CSS** and **SCSS** to deliver a seamless and responsive experience across mobile and desktop platforms, **increasing user satisfaction by 40%**.
- Addressed complex challenges in data extraction and classification by implementing sophisticated filtering options for the business card scanning feature, improving data accuracy and usability.
- Optimized deployment processes by leveraging **Azure DevOps** for streamlined continuous integration and delivery workflows.

L&T TECHNOLOGY SERVICE- Software Engineer | Mysore, India

Nov 2021 – Jul 2022

- Successfully delivered outcomes in the Internal project by identifying and resolving technical challenges in both frontend and backend development, showcasing strong problem-solving skills, adaptability to changing project requirements, resulting in a **27% improvement in project efficiency**.
- Oversaw database management and proficiently handled queries, leading to a 18% reduction in query response time.
- Demonstrated proficiency in developing front-end applications utilizing **HTML5, CSS, SASS, JavaScript, TypeScript, Nodejs, React, and Material UI**, contributing to enhancement in application responsiveness and user experience.
- Gained experience with agile development and Atlassian Collaboration tools such as **Git, Jira, Bitbucket, Confluence** to ensure efficiency and successful releases. Collaborated with the QA and UX designers for testing bugs and troubleshooting them to improve frontend performance.

EDUCATION:

MSc Advanced Computer Science | The University of Liverpool | United Kingdom.

Sep 2022 – Dec 2023

- Relevant Coursework: Web programming, Data Science, Data Mining, Machine learning, E-Commerce, Privacy and Security.

PROJECTS:

Naxxar (Naxxar Technology)

- Designed and developed frontend using **React, TypeScript, JavaScript, SCSS** for both mobile and web applications. Created wireframes in Figma and implemented them with complex functionality for optimal UI/UX.

Business Portal (WECONSILIUM)

- Built a comprehensive business portal using frontend technologies including **Vue.js and Nuxt.js**. Developed backend functionality with **Laravel, PHP, and MySQL** for robust data management and seamless integration.

Internal Project (L&T)

- Spearheaded the development of an application aimed at improving recruitment team efficiency by mapping trainees to their respective training phases.
- Leveraged **C#, ASP.NET, MVC, and MS SQL** technologies to bring the project to fruition.
- Successfully transformed complex data from Excel into a functional application, overcoming key technical challenges along the way.
- Led a team of 4 peers throughout the development process, fostering seamless collaboration and utilizing strong communication skills to effectively understand the recruitment team's needs.

CERTIFICATES:

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| • The Complete Web Development Bootcamp. | Udemy. |
| • C# Intermediate. | Udemy. |
| • Azure Fundamentals (AZ-900). | Microsoft. |

PORTFOLIO:

<https://hariharanr1899.github.io/Portfolio/> Check out my portfolio built entirely from scratch using HTML, CSS, and JavaScript.