

# Vasantraj Padmanaban

Front-End Developer | Proactive UI/UX, JavaScript, and Component Reusability

**Phone:** +44 7448702907 | **Email:** veeaar.2709@gmail.com | **LinkedIn:** <https://www.google.com/search?q=https://www.linkedin.com/in/vasantraj-padmanaban-1aa1bb23a/> |

## Professional Summary

Highly **proactive, self-motivated** Front-End Developer with a strong foundation in core web technologies and a proven ability to turn ideas into robust, usable software. I excel at **building functionality from scratch** and extending existing components, with an understanding of achieving **component reusability** and code control. Highly skilled in **JavaScript, HTML, CSS, and React**, with an academic background (MSc in Games Technology) that brings a focus on performance optimization and design-led solutions. Eager to take on the challenge of building, maintaining, and developing the critical internal UI and specialized event-driven reporting systems at DFYNE.

## Core Technical Stack & Expertise

Category	Skills
Core Frontend	HTML, JavaScript (ES6+), JSON, DOM, CSS, Responsive Web Design, UI/UX Principles
Frameworks & Libraries	React (Component-based architecture), Bootstrap (Conceptual/Project), jQuery (Exposure)
Tooling & Process	Git (Version Control), Modern Build Tools, Collaborative Development, CI/CD, Docker
Data & Backend	API Integration, Data Fetching, SQL, Python (Backend/Scripting), Google Charts (Exposure)

## Attitude

**Proactive and Efficient, Calm Under Pressure,** Strong Communication and Organisational Skills

## **Technical Project Portfolio: Building Data & Event-Driven UIs**

This portfolio demonstrates the ability to deliver robust, user-friendly interfaces and manage full-stack integration—critical for internal data management and reporting applications.

### **1. Frontend Prototyping: Netflix Model (Web Application Clone) | UI Strategy & Reusability**

- **Component Reusability:** Developed a high-fidelity web clone using **React**, focusing on creating modular, reusable components for complex UI elements (menus, carousels, data cards) to ensure scalability and code control.
- **Responsive Design:** Utilized **CSS** and modern techniques to ensure the interface was fully responsive, delivering an optimal user experience across all device sizes.
- **API Integration:** Successfully integrated third-party APIs (TMDb) to fetch and render complex data, demonstrating the ability to handle large data structures for reporting/display (relevant to data management UIs).

### **2. Full Stack ML Product: Plant Disease Diagnosis Platform | API Integration & Data UI**

- **End-to-End Delivery:** Built the user interface using **React** to present technical results in an accessible format, demonstrating expertise in delivering functional, end-to-end applications.
- **Specialized UI:** Developed the front-end to interact seamlessly with a custom **RESTful API** (**Python/Flask** backend) to submit data and display event-driven analytical results, relevant to specialized internal reporting UIs.
- **Proactive Development:** Managed the entire codebase using **Git** and utilized **Docker** for deployment, showing confidence in shipping code and maintaining system integrity.

### **3. High-Impact Data Presentation: COVID-19 Detection System | Design-Led Data Display**

- **Data Visualization:** Developed the user-facing output using **JavaScript/React** to clearly present complex diagnostic results from an ML model, focusing on user experience for clinical or data review (similar to internal reporting needs).
- **Adaptability:** This project required rapid self-learning and application of new domain knowledge, demonstrating the **willingness and ability to learn** new technologies quickly (like Oracle, VBS, or jQuery).

## **Education & Certifications**

**MSc Computer Games Technology** Abertay University | Dundee, UK | Expected Graduation: 2025

- *Relevant Focus:* Strong emphasis on Software Architecture, **Performance Optimization**, and **Design-Led Development**.

**B.Tech Electrical and Computer Engineering** Amrita Vishwa Vidyapeetham | Coimbatore, India | Graduated: 2024

**Google Cloud Certified Associate Cloud Engineer**

**Focus:** Project-based delivery, adaptability, and high technical aptitude