Joseph Emmanuel

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LinkedIn . GitHub . Portfolio . Stack Overflow

PROFILE

Full Stack Developer with **8+** years of experience building scalable web applications using **React**, **Next.js**, **Node.js**, and **PHP (Laravel)**. Delivered measurable improvements like +**35%** performance, **+25%** user engagement, and +40% front-end efficiency across enterprise and internal business systems.

Skilled in modern front-end engineering, REST API development, cloud deployments on AWS and Azure, and building custom solutions within the **Microsoft 365 ecosystem**. Experience includes developing **SharePoint Framework (SPFx)** web parts, **workflow add-ins**, and integrating **Microsoft Graph API** to automate processes and support enterprise systems. Strong in **CI/CD** and cross-functional collaboration.

Passionate about automation-driven and AI-assisted development, using **GitHub Copilot**, **OpenAI APIs**, **Google ADK**, and **n8n** to create smarter, more efficient systems.

EXPERIENCE

FULL STACK DEVELOPER   **TORONTO, ON**
Great Builder Solutions (Parent Company: Great Gulf Group   Jan 2022 – Present

- **Architected and delivered 8+ scalable, SEO-focused web applications** using **Next.js, React, TypeScript, Laravel/PHP, and Strapi**, improving load speed by **35%**.

- **Developed c**ustom solutions within the **Microsoft 365 ecosystem** using the **SharePoint Framework (SPFx),** creating **React/TypeScript web parts** and **workflow add-ins** that enhanced internal HR processes and integrated seamlessly with enterprise systems.

- Integrated **Microsoft Graph API** to access and manage user calendar data, implementing secure **access/refresh token workflows** in a **Next.js** service and syncing **token updates** to **Strapi** for seamless **Microsoft 365 communication across internal applications**.

- **Integrated HubSpot, WordPress, and third-party APIs**, boosting campaign conversions by **25%** and automating lead workflows end-to-end.

- Built a reusable **Tailwind CSS + React component library**, reducing UI development time by **40%** while maintaining **WCAG accessibility standards**.

- Improved deployment reliability by **70%** by optimizing CI/CD pipelines using **GitHub Actions, Azure, and containerized workflows**.

- Implemented automation workflows using **n8n**, **Google ADK Agents**, and cloud APIs to streamline internal processes and unify multi-platform data.

- Developed and integrated dynamic content modules with **Strapi CMS, WordPress APIs, Instagram, Mapbox, and Google Maps** to support highly interactive, data-driven pages.

FULL STACK WEB DEVELOPER   **MONTREAL**
Dulcedo Management   Jan 2019 – Jan 2021

- **Built and deployed a custom Laravel-based CRM**, streamlining operations and increasing team productivity by **30%**.

- **Designed and optimized RESTful APIs** for internal tools and third-party integrations.

- **Led the front-end rebuild using React** as the main framework, with additional components built using **React + Vite** and minor features in **React Native.**

- **Modernized legacy Blade/Bootstrap interfaces**, migrating key sections to React to improve responsiveness and usability.

- **Designed scalable MySQL database schemas** with proper indexing to improve data consistency and query performance.

- **Optimized backend performance** by tuning Eloquent ORM queries, reducing API latency and improving scalability.

- **Collaborated with cross-functional teams** to define technical requirements and delivered maintainable solutions in an Agile environment.

WEB DEVELOPER   **KERALA, INDIA**
SLB   Feb 2017 – Aug 2019

- **Developed and maintained** 10+ full-stack web applications using **PHP, React, JavaScript,** and **MySQL** to support internal business operations.

- Improved performance and maintainability about **20%** through **SQL optimization**, **modular architecture**, and **code refactoring**.

- Supported **version control** and early **CI** adoption using **Git**, laying groundwork for modern DevOps practices.

- Worked closely with project stakeholders to define technical requirements and deliver robust, maintainable systems under **Agile** development practices.

SOFTWARE ENGINEER   **BANGALORE, INDIA**
Unilog   May 2015 – June 2016

- Contributing to the CIMM2 eCommerce platform, developing automation tools and optimizing internal data workflows **improved content-processing efficiency by 25%.**

- Reduced content-retrieval time by **30%** by improving search logic and query efficiency.

- Enhanced the UNSPSC search module, improving search accuracy and **accelerating data-entry operations.**

EDUCATION

Programming & Web Technologies   **MONTREAL**
ISI – L'Institut Supérieur D'informatique   2019-2021

M.Tech in Computer Science   **BANGALORE**
Visvesvaraya Technological University (VTU)   2015-2017

B.Tech in Computer Science   **BANGALORE**
Christ University   2010-2015

TECHNICAL SKILLS & CERTIFICATIONS

Web & Frameworks: Next.js, React, Laravel, Node.js, Vue.js, Tailwind CSS, Bootstrap
Languages: JavaScript (ES6+), TypeScript, PHP, Python, C#, SQL
Databases: MySQL, PostgreSQL, Firebase, MSSQL
Content Systems: Strapi, HubSpot CMS, SharePoint, WordPress, Drupal
DevOps & Cloud: GitHub Actions, Azure DevOps, Docker, Netlify, Vercel, Bitbucket, AWS
Automation & AI: OpenAI API, Google ADK (Agents Development Kit), GitHub Copilot, n8n, Prompt Engineering, Cursor
Project & Workflow: Agile / Scrum, Sprint Planning, Jira, Trello, Azure Boards
Testing & Debugging: Jest, Postman, Swagger, Chrome DevTools, ESLint, Prettier
Design & UX: Figma, Adobe XD, HTML5, CSS3, Responsive Design, Accessibility (WCAG, ARIA, Semantic HTML)
APIs & Integrations: RESTful APIs, Graph API, Google Maps, Mapbox, Instagram API, HubSpot API
Analytics & SEO: Google Analytics, Google Tag Manager, Google Search Console

Certifications: Google ADK (Agents Development Kit) — Google; HubSpot Service Hub Software — HubSpot Academy; Integrating with HubSpot I: Foundations — HubSpot Academy; SEO Fundamentals — General Assembly; JavaScript Algorithms & Data Structures — freeCodeCamp.

KEY PROJECTS

Enterprise Web Solutions
 • **Great Gulf** – greatgulf.com: Enhanced SEO and lead tracking through HubSpot CRM integration and marketing automation.
 • **Lora Bay** – lorabaygolf.com: Rebuilt mobile-first UI, improving load speed, accessibility, and responsive behavior.
 • **GBS Group Portfolio** – First Gulf, Great Gulf Group, Taboo Muskoka, 357 King, One Bloor, Ledger Union: Oversaw full digital project lifecycles, unifying design, dev, and marketing teams. Implemented automation workflows and AI-driven content systems to optimize deployment, analytics, and content delivery across enterprise sites.

Independent Projects
 • **Amazon Clone** – React + Firebase + Stripe: Built full e-commerce app with authentication, checkout, and real-time cart management.
 • **Loan Prediction App** – Python + scikit-learn: Achieved 92% prediction accuracy for loan approvals using structured financial data.
 • **WhatsApp UI Clone** – React + Firebase + Material UI: Developed live chat with context-aware state management.
 • **Tesla / Tinder Clones** – Next.js + Tailwind CSS: Created responsive, component-driven interfaces demonstrating modular design.

AI & Automation Experiments
- **Workflow Automation (n8n + APIs):** Streamlined multi-platform data flows and backend tasks with low-code automations.
- Developed AI-driven workflows using **n8n**, **OpenAI API,** and **Google ADK** to automate multi-step data operations and integrate intelligent responses into web applications.