



Wivlenaire Jean-Baptiste

SOFTWARE CONSULTANT

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Profile

Software Consultant with 12+ years of experience in the full stack software development cycle. Highly adept in innovation, software architecture & design, and leadership.

Employment History

Founder, Pull Request Philosophy, St. Petersburg

February 2023 — Present

- Launched and skillfully navigated my bespoke software consulting company, swiftly securing a diverse portfolio of clients within the inaugural year. Specialized in providing a comprehensive suite of services encompassing team augmentation, astute management, strategic advisory, and meticulous project scoping. This endeavor not only demonstrated my adeptness in business development but also underlined my commitment to delivering tailored, high-impact solutions in the tech landscape.
- Orchestrated a trans-formative redesign of the flagship analytics tracking system for a large QSR company, elevating operational efficiency. This innovation not only streamlined the technological landscape but also engineered a substantial cost-saving strategy, successfully eliminating the need for extraneous software. This approach resulted in an impressive annual cost reduction of at least \$1 million, fortifying the company's financial health and setting a new benchmark in cost-effective technology management.
- Spearheaded a series of pivotal enhancements in React Native applications for a large QSR company, employing avant-garde A/B testing methodologies. This strategic approach not only refined user experience but also significantly boosted sales conversion rates, achieving a minimum increase of 2%. Key initiatives included comprehensive domain rewrites.
- Delivered exceptional career coaching services, becoming a catalyst for professional growth among a diverse group of engineers. Through personalized guidance and industry insight, I nurtured their potential, steering them towards significant career advancements.
- Took to the airwaves as a thought leader in the engineering community, sharing invaluable insights and guidance through podcasts. My focus was to empower engineers with a wealth of knowledge on best practices for job searches and mastering interviews.

Principal UI Engineer , Diamanti, San Jose

April 2022 — November 2022

- Rapidly designed, modified and implemented a CRM for launching product trials in AWS and GCP. This application is a Monorepo written in Typescript, React and GraphQL with a seamless IaC pipeline in Terraform.
- Created a Design System based on headless component design with React and Typescript integrated with Figma and Storybook for quick user acceptance and sandbox testing through Github Pages integration.

- Consulted with the CTO and CEO on creating an MVP for a new Kubernetes Management Platform including market research, heavy competitor analysis, user testing, information architecture and domain design.
- Designed functional target state architecture and high level road map for a Micro Front-end UI for new Kubernetes Management platform.
- Diagnosed bottlenecks in multi-cloud Kubernetes Management Platform front end, creating the strategy and high priority items for engineering teams to focus on for quick turnaround on customer-focused KPIs.

Team Lead/PO , Allstate, Tampa

March 2016 — April 2022

- Effectively created feature enablers to support 8+ feature teams allowing for rapid product development. 5+ new protection applications were released within this period, extending the surface area of a Micro Frontend architecture with a BFF API.
- Acting in a dual role as Product Owner and Lead Engineer for a core engineering team of 6+ Senior Engineers, I carefully delegated cross-functional work, leveraging 6 years of product and industry knowledge in prioritizing product features, moving the company forward to its goal of cheaper and simpler consumer protection policies.
- Slashed the time to development by 2 sprints for product teams after modifying internal tool-chains for automating the scaffolding of new React/Redux applications and CI/CD pipelines allowing new development teams to rapidly spin up and immediately focus on product development.
- Spearheaded UI software design and implementation for dynamically generated user interfaces, maximizing re-usability and blending Declarative and Imperative coding principles making development simple and extendable for Engineers of all levels.
- Evangelized and adopted Micro Fronted Architecture with Single Spa and System.js. Developed internal frameworks and initial implementation for an entire user engagement system representing 10+ user experiences and domains.
- While awaiting approval for an enterprise-level CMS, of my own volition implemented a structured content delivery system allowing for dynamically integrating content at runtime with declarative JSON validation structures, enabling UX content writers to quickly iterate on the content approval process.
- Mitigated cross-functional processes with UX Information Architecture and complex business Domain Driven Architecture by creating a plugin utilizing domain data structures with JSON validation language akin to JSON Schema, allowing for mock data integration with UX design software.
- Periodically presented development talks and documentation to multiple cross-functional teams helping engineers to stay abreast of new technology and best practices.
- Participated in a televised panel of a engineers that paved the way for the future of rapid product development at Allstate turning Allstate from an insurance company to a Protection/Technology company.
- Screened and mentored 20+ engineers on-boarded to new rapid product development platform.
- Participated in evaluating issues and innovating solutions in NFR Architecture as well as Server Architecture to help minimize process and enable more agile development processes.
- Meticulously developed the Javascript and React coding standards and documentation representing best coding practices and application performance practice standards for 40+ engineers of all levels.

Software Engineer Consultant , TEKSystems, Tampa

June 2015 — March 2016

- Effectively created resourced-based level 3 APIs according to the Richardson Maturity Model allowing for discover-ability and auto-generated documentation in Swagger.
- Realizing the need for insurance agents to communicate via SMS with clients, created the standard for event driven notifications APIs with web-sockets in .Net Core, logging user interactions and data for additional integration while fulfilling legal requirements for agents when texting consumers.
- Consulting for an aggressive bond management startup, designed and implemented UI maximizing re-usability in extending functionality in an enterprise CRM.
- Enforced system extensibility by creating reusable extension libraries focusing on C# reflection to simplify Data Access Layers utilizing dapper.
- Extended functionality in a CMS for a highly transactional eCommerce platform for Under Armour written in Angular JS.
- Championed Agile Methodologies to help bring companies forward in their project management practices.
- Enthusiastically offered a full-time role with Allstate after pioneering a new UI platform for insurance CRMs utilizing React, Redux and .Net core APIs bringing the company forward from legacy technologies enabling long-term application health and extensibility.

Software Engineer , Madmobile, Tampa

October 2014 — June 2015

- Extended functionality for mobile eCommerce sites through phonegap for companies such as Sysco and Payless.
- Designed stable APIs using techniques such as scraping, session management and XML node searching.
- Maintained legacy C# applications and implemented Dependency Injection and other SOLID Object Oriented practices allowing for better testing practices and application health.
- Quickly learned Backbone.js to help create reusable modular components for rapid mobile feature development.
- Helped find and fix performance bottlenecks in latency within the internal content management system using read-through caching strategy.

Software Engineer , Florida Farm Bureau Insurance, Gainesville

February 2014 — October 2014

- Helped design and create Florida Farm Bureau's new CRM system designed in C#, MVC 4 framework, SQL, Raven DB, HTML5, Javascript and Twitter Bootstrap.
- Designed tasks to perform data transfer and orchestration with technologies like SFTP and MSMQ for companies such as General Motors.
- Maintained legacy applications written in VB.Net.
- Optimized data mapping for large sets of data with Big O Notation reducing load times drastically for users.
- Utilized multi-threading techniques to further optimize user experience.
- Created dynamic user experiences by modularizing JQuery and properly using event bubbling and other front-end best practices.

Junior Software Developer , Yourmembership.com, Saint Petersburg

April 2012 — February 2014

- Worked on a dynamic Association Management System SAAS platform for 2,400+ clients worldwide.
- Created interoperable features across software for client data migration and a vast range of client management solutions written in ASP Classic with VB Script and .Net 3.5 Framework in Web Forms with C#.
- Researched and helped deliver the first iteration of a Gamification system for users.
- Optimized SQL queries for expensive operations utilizing joins, common table expressions rankings, table valued expression, pivots, and many other best practices.
- Used Javascript and JQuery to implement drag & drop photo-galleries.
- Used web forms to extend features including Event Registrations, Custom Reports and Data Imports.

Education

Associates of Science , Santa Fe College , Gainesville

September 2008 — December 2011

Links

[LinkedIn](#) [Github](#) [Medium](#) [PR Philosphy](#)

Skills

Javascript



Node JS



Redux



HTML/CSS



GraphQL



Architectural Design



SQL



Micro Frontends



React



Typescript



C#



Rest API



DevOps



Leadership



Micro Services



References

References available upon request