

Edson Valentin Campos

FULLSTACK AI ENGINEER | UX/UI DESIGNER

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PROFESSIONAL SUMMARY

Experienced Full-Stack AI Developer and UX/UI Designer with a strong background in web and mobile application development. Proficient in **React**, **React Native**, **Node.js**, **PHP**, and **CMS platforms** including **WordPress** and **Shopify**, with expertise in **AI integration**, **API development**, and **full-stack solutions**. Adept at delivering scalable, high-performance digital products through **Agile methodologies** and **user-centered design practices**, bridging front-end design with back-end development.

Passionate about **adventure sports such as rock climbing and skydiving**, which foster focus and resilience, and committed to **continuous learning through technology blogs and exploring new tech trends** to stay at the forefront of software development.

EDUCATION

Bachelor's Degree in Electronics Engineering

Tecnológico de Monterrey

Graduated December 2021

WORK EXPERIENCE

Full Stack AI Integration Developer

Johnson Controls

Sep 2023 – Present

- Designed and delivered responsive, user-centered web and mobile interfaces using **Figma**, **Adobe XD**, and **Sketch** for **React** and **React Native** applications, ensuring seamless usability across devices.
- Developed modular, reusable UIs with **React**, **Redux**, **Next.js**, **TypeScript**, **TailwindCSS**, and **React Native** for real-time IoT dashboards and **AI**-driven applications.
- Created reusable UI component libraries with **Storybook** and **Recharts** to improve consistency and scalability.
- Implemented live data visualization and state management with **React Query**, **WebSockets**, and mobile integrations, incorporating **AI-generated insights** for predictive analytics.
- Built scalable **RESTful** and **GraphQL APIs** using **PHP (Laravel)** for IoT and **AI** service integration.
- Designed backend features including authentication (**JWT**), rate limiting, and **microservices** for predictive maintenance and telemetry data aggregation.
- Integrated **OpenAI GPT APIs** and **FastAPI ML endpoints** for automated report generation, natural-language device queries, and **AI**-driven recommendations across web and mobile platforms.
- Connected **FastAPI** machine learning endpoints with frontend for real-time energy optimization and **AI**-driven recommendations.
- Explored and experimented with the latest technology trends, such as **GraphRAG**, to improve matching functionality.
- Automated deployments using **Docker**, **GitHub Actions**, and **AWS CodePipeline**, deployed services on **AWS ECS** and **Lambda**.

- Implemented **unit, integration**, and **load testing** using **Jest, Mocha**, and **Postman** to ensure API reliability and performance.
- Monitored infrastructure using **Prometheus** and **Grafana**, improving uptime and system visibility.

Skills: React, React Native, Next.js, TypeScript, TailwindCSS, Storybook, Ant Design, PHP, Laravel, Node.js, Express.js, FastAPI, Python, OpenAI API, GPT, GraphQL, RESTful APIs, PostgreSQL, Redis, Docker, AWS ECS/Lambda/CodePipeline, CI/CD, Jest, Mocha, Prometheus, Grafana

Ecommerce Developer

CRO Gurus

May 2022 – Aug 2023

- Designed and optimized responsive, user-centered interfaces for **WooCommerce** using **Figma, Adobe XD**, and **Sketch** to enhance usability and conversion performance.
- Collaborated with developers to deliver scalable, data-driven design systems and seamless **UX flows** across web and mobile platforms, integrating **AI-enhanced tools** and front-end best practices.
- Developed and migrated **Shopify 2.0** custom themes with pixel-perfect, responsive **UX/UI** using **React, TypeScript, Liquid, and TailwindCSS**.
- Built **private Shopify Plus apps** for advanced automation, analytics tracking, and dynamic storefront personalization.
- Integrated **third-party APIs, payment gateways** (including crypto payments), and **ERP systems** to streamline operations and order workflows.
- Optimized checkout flow, cart logic, and load performance to improve conversion rate (**CRO**) and **SEO** metrics.
- Developed and customized **WordPress** sites using **PHP, Advanced Custom Fields (ACF)**, and **Elementor**, integrating **WooCommerce** and **REST APIs** for cross-platform ecommerce solutions.
- Implemented **AI-powered chatbots** and **OpenAI GPT-based product recommendation systems** for automated customer support and personalized shopping experiences.
- Created **RESTful API** bridges between **Shopify, WordPress**, and **AI endpoints** to synchronize catalog data, customer insights, and dynamic content.
- Collaborated with designers and marketing teams to align frontend implementations with brand and accessibility standards.

Skills: HTML5, CSS3, JavaScript, TypeScript, React, Liquid, TailwindCSS, Shopify 2.0, Shopify Plus, WooCommerce, WordPress, PHP, Advanced Custom Fields (ACF), Elementor, RESTful APIs, GraphQL, API Integration, Payment Gateway Integration, Crypto Payment Integration, ERP Integration, Figma, Adobe XD, Sketch, UX/UI Design, CRO Optimization, SEO Optimization, AI Chatbots, OpenAI GPT

Full Stack Developer

Aurify

Oct 2020 – Apr 2022

- Designed and developed full-stack gaming platforms for tribal and charitable bingo, historical horse racing, electronic pull-tabs, and slot games.
- Built interactive dashboards and game interfaces with **React, Vue.js**, and **TailwindCSS**, including dynamic charts, real-time notifications, and responsive layouts.
- Developed secure backend services using **PHP (Laravel, Symfony)**, **MySQL**, and **Redis**, implemented **RNG**-based game logic, player tracking, session management, and prize calculation algorithms.
- Built **RESTful** and **GraphQL APIs** connecting game engines, analytics dashboards, **ERP** systems, and payment gateways.
- Managed **Docker**-based containerization, **CI/CD pipelines**, cloud deployment (**AWS/GCP**), and server optimization for high concurrency.
- Implemented **advanced analytics and reporting tools** for tracking game performance, player engagement, revenue metrics, and compliance.

Skills: React, Vue.js, TailwindCSS, Next.js, PHP (Laravel, Symfony), MySQL, Redis, Jest, Webpack, Babel, Firebase, Docker, AWS/GCP, Figma, RESTful & GraphQL APIs, Game Engine Integration, RNG, Probability & Math Modeling, Real-Time Data Processing, UI/UX Design

TECHNICAL SKILLS

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), React, Redux, TypeScript, React Native, Next.js, Vue.js, Vuex, Liquid, TailwindCSS, Storybook, Recharts, Figma, Adobe XD, Sketch
- **Backend & APIs:** PHP (Laravel, Symfony), Node.js(Express.js, Nest.js), Python(Django, FastAPI), RESTful APIs, GraphQL, JWT Authentication, Microservices , SSR, API Integration, WebSockets
- **Databases & Storage:** SQL, NoSQL, MySQL, PostgreSQL, MongoDB, Amazon DynamoDB
- **DevOps & Deployment:** Docker, Kubernetes, AWS (ECS, Lambda, S3, CloudWatch, CodePipeline), GitHub Actions, CI/CD, Terraform, Prometheus, Grafana, Nginx, Server Optimization, Cloud Deployment
- **Ecommerce & CMS:** Shopify 2.0, Shopify Plus, WooCommerce, WordPress, Elementor, Advanced Custom Fields (ACF), Payment Gateway & Crypto Integration, ERP & Third-Party API Integration, Checkout Optimization, SEO Best Practices, CRO
- **AI & Machine Learning:** OpenAI GPT API, AI-driven Recommendations, Chatbots, Predictive Analytics, FastAPI ML Endpoints, Data Visualization, Machine Learning Integration, Natural Language Processing (NLP), GraphRAG
- **Testing & QA:** Jest, Mocha, Postman, Load Testing, Unit Testing, Integration Testing, End-to-End Testing, Test Automation

Hobbies

- Travel
- Sports