ELI OCCANSEY

Fairfield, Iowa 52556 • +1-641-233-2054 • elioccansey@gmail.com
https://www.linkedin.com/in/elioccansey/

SOFTWARE ENGINEER

Meticulous and bilingual (French - English) Software Engineer with more than 5 years of experience in developing and managing Enterprise Web Applications, over 2 years developing and 3 years as a Product Manager. Experienced in JavaScript, TypeScript, React, Node.js, user story creation, agile methodologies and maintaining a strong UX/UI focus.

• Problem Solving • Domain Driven Design • Agile Project / Product Management • Microservices Architecture
• SOLID Principles • UI/UX Design • Team Collaboration

Languages: TypeScript, JavaScript, Java
Web: HTML, CSS, Bootstrap, TailwindCSS, Ajax, jQuery, Node.js, React.js
Web Services: REST API, JWT
Frameworks: Express.js, Nest.js, Spring Boot
Databases: PostgreSQL, MySQL, MongoDB
Design Patterns: Singleton, Adapter, Builder, Facade, Static Factory Method, Dependency Injection
SDLC: Agile Scrum, Waterfall
Tools: Git, Visual Studio Code, Eclipse, IntelliJ, Maven, Npm
Platforms: Windows, Linux

PROFESSIONAL EXPERIENCE

CAREER NOTE: *Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).*

INFINITUS SAS, Lomé, Togo ● 05/2022 – 04/2024
INFINITUS SAS is an ERP development company.
Software Engineer
Developing software and managing cross-functional team.

- Implemented user intuitive interfaces and API calls utilizing React, TypeScript, MUI, Formik, Redux Toolkit, enhancing user experience by eliminating manual paper process.

- Built a user-friendly e-commerce site for electronic gadgets in West Africa, integrating mobile money for seamless transactions using EJS, HTML, Tailwind, Express, TypeORM, and MySQL.

- Developed products management REST APIs for Clinicaa ERP using Node, NestJs, TypeORM, PostgreSQL, leading to operational errors reduction and inventory management facilitated.

- Contributed in the Microservices Architecture design to match the new business model, increasing system scalability and performance by approximatively 30%.

- Conducted Spike Stories researches to help team members understand core concepts such as design patterns, SOLID principles, and TDD, resulting in improved team understanding and code quality by approximatively 25%.

- Assisted in writing and refining specifications documents and user stories, which lead to increase development team efficiency.

- Enhanced user experience (UX) by proposing new user flows design, leading to increased user satisfaction.

Technologies Used: *NodeJS, NestJS, TypeORM, React.Js, JavaScript, TypeScript, TailwingCSS, HTML5, CSS3.*

Noutataa SARL, Lomé, Togo ● 04/2019 – 04/2022
Noutataa SARL is a Web Agency that provides software development, Branding and Web Marketing services.
Digital Product Manager

- Led the creation of **Blue-Collar HR Management System** tailored for blue-collar workers. Conducted brainstorming sessions, gathered requirements, and prepared functional and technical specifications. Managed the product backlog, resulting in a streamlined HR solution that addressed key client pain points and enhanced operational efficiency.

- Spearheaded a platform development **for Ketiba Solutions LLC an American corporation located in Rancho Cordova California.** This platform connects innovators, investors and philanthropists. Oversaw brand design, coordinated web app development, managed the product backlog, and facilitated communication between clients and the development team. This resulted in a cohesive brand identity and the successful launch of the platform.

- Directed the development and launch strategy of **Health Tech Mobile App (YôDokita)** MVP by aligning the client's vision with a cross-functional team. Focused on user experience design, conducted cost-benefit analyses for complex features, and facilitated collaboration between engineering, digital marketing, teams and stakeholders. This resulted in a successful app launch and strong user engagement.

- Supervised the design of logos, guidelines, and promotional materials for **Brands and Marketing Campaigns**. Delivered high-quality branding assets that reinforced clients' visual identities and supported the success of their marketing campaigns.

Technologies Used: *VueJs, Lavavel, PHP, WordPress, Adobe XD, Adobe Illustrator, Trello, Slack.*

ACADEMIC PROJECTS

Maharishi International University (2024)

- **Image Upload App with CI/CD and Serverless Backend:** Built the UI in React.js, implemented a CI/CD pipeline using AWS CodePipeline, ensuring that every change to the application code was automatically built, and deployed to S3 for static hosting, with CloudFront providing fast content delivery across the globe. On the backend, built a serverless infrastructure using AWS Lambda for handling image uploads, API Gateway for managing HTTP requests, and DynamoDB for storing metadata related to the images. Utilized AWS Lambda, API Gateway, CodePipeline, CloudFront, S3, DynamoDB, React.js, JavaScript, NodeJS

- **Simple Music Player App:** My responsibility was to implement the user interfaces and progressive download feature, allowing users to start listening to music before the full file had finished loading, which improved the app's performance. Worked on features like play, pause, skip, and volume controls. Utilized React.js, TypeScript, Express.js, NodeJS.

- **WhiteCollarJobs:** A platform designed to connect job seekers with job opportunities. I used React to create dynamic job listings, interactive search filters, and a responsive design that ensured optimal user experience across devices. Utilized React.js, TypeScript, Java, Spring boot.

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 12/2026)
Maharishi International University, Fairfield, Iowa

Key Courses: Software Engineering, Web Programming, Cloud Computing, Web Application Architecture

Professional Bachelor Degree in Maintenance and Computer Networks
Université de Lomé, Lomé, Togo (08/2022)