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SOFTWARE DEVELOPPER AND INTERMIDIATE ENGINEER

3 years of experience

Bilingual (French, English)

DOMAINS OF EXPERIENCE

Web frontend development		
Tag	Technology	Comment
Languages	HTML, CSS, JavaScript, PHP	In PHP based projects, I developed frontend with native HTML, CSS and used PHP tools like twig to accelerate development. In some cases, Laravel.
Frameworks	React.js	In my beginning with web development, React.js was my favorite technology. All my academic web applications were done in React.js (about 5); I practiced with about 3 tutorials, and have about 10 professional web applications in React.js. By this time, I am the most skilled with this web frontend framework.
	Next.js	In the beginning of 2024, I fell on many tutorials recommending React.js developers to learn Next.js. This brought me to learn it and implementing about 10 projects tutorial. Followed to that, I developed a Hackathon project with it and 1 professional project with it until now.
UI frameworks	Material UI	This is the first I ever used and was the UI framework in my first 5 professional projects.
	Bootstrap	I used in 1 or 2 projects
	Tailwind	Nowadays, I use it in every project.
	Preline	I used in 1 project
	Shadcn	I really like it, I used in 1 professional project in Nextjs
	Acertenity	This is my favorite actually, I used in a Hackathon project done with Next.js
CSS Preprocessors	Less	I just practiced a bit
	Sass(Scss)	I used this in 70% of my works.
	Lotties	These were the first animations I used in web apps.

Animations frameworks	Framer motion	I used in about 4 projects, for little text animations. I intend to study it widely in future.
	GSAP	I used in about 2 projects, for little text animations too, in place for framer motion. I intend to study it widely too.
	Three.js	I used some 3D components in some projects, I really like the other level it gives to interfaces.

Web backend development		
Tag	Technology	Comment
Languages	Python, JavaScript, PHP	
Frameworks	FastAPI	For API development, FastAPI is the framework I used the most. As it is the first backend technology I studied, it is the one in which I have the most experience, with 2 academic projects (including my bachelor degree project), 2 tutorial projects, and about 4 professional projects.
	Node.js	Next comes Node.js (Express.js), which I used in about 2 tutorial projects and 3 professional projects.
	Laravel	Nowadays, I worked in the maintenance of Laravel based projects, working on some sections of the project.
Database	MongoDB	This corresponds to the DBMS I used the most actually professionally.
	MySQL	MySQL corresponds to the most academically used, with 90% of my academic projects done with it.
	PostgreSQL	I used it in 2 FastAPI tutorial projects and 2 academic projects (including my bachelor degree project).
API documentation	Swagger UI	The main API documentation tool I use is swagger UI, both in FastAPI (where it is naturally intergrated) and Node.js.
CI/CD	GitHub actions	I use this CI/CD tool whenever I am in charge of backend development.

Mobile development		
Tag	Technology	Comment
Languages	Kotlin, JavaScript	Android native application development using Kotlin programming language. Developed 3 applications for practice scope. Working in the development of an application.
Frameworks	React Native	For cross platform development, I used React native. I worked in 2 academic projects, in the development of an application for a Hackathon, in the development of an app who finally not succeeded, and I am actually working in the development of 2 applications.
UI frameworks	Material design	For Android development, used Material design for the UI.
Animations frameworks	Lotties	Similarly as lotties for web, I did simple animations with it in React Native applications
	React-native-reanimated	I also used this to animate some components.

| Database | SQLite | For Android native applications, I used SQLite |
| | Redux | Not actually a database, rather a global state manager library. I used in React Native applications. |

Desktop development		
Tag	Technology	Comment
Languages	JavaScript, Python, Java	
Frameworks	Electron.js	I worked in the development of 2 professional applications with Electron.js. It is in this group, the only I have used professionally.
	JavaFx	A very interesting desktop application I developed academically was a die base Java game. I really loved working on that game, I really love Java syntax, even though I don't use it professionally.
	Tkinter	I developed an academic project with this Python base desktop library.
UI frameworks	Material UI	This is the first I ever used and was the UI framework in my first Electron.js professional project.
	Tailwind	I used in my second Electron.js application
Server	Node.js	I used Node.js as application server and Express.js for the backend services.

Project management		
Tag	Technology	Comment
Methodology	Scrum and XP	I managed a project using agile based project management methodologies, scrum and extreme programing (XP) in a team of 4 members (me included).
Tool	Trello	We used this very interactive and nice platform for the tracking of tasks accomplishment.

Deployment	
Platform	Comment
AWS Amplify	I deployed React.js professional applications to this cloud platform in a CI/CD way.
AWS App runner	I deployed FastAPI, Django, Node.js applications in a CI/CD way to this platform.
CPanel	I deployed React.js professional applications (including my portfolio) in a CI/CD way to this platform
Vercel	Majority of my academic, tutorial, Hackathon and utility React and Next.js projects are on Vercel
Render	For academic and utility server APIs (some professional servers), I usually deploy here

Mentor and lecturer	
Mission	Comment
Web development Interns mentor	Mentored 3 web development interns for 2 months. Guided them in HTML, CSS and JavaScript development for PHP based applications.
Level 2 IAI Cameroon student professional mentor	I followed an IAI Cameroon student as professional mentor. We developed an e-learning

	platform in HTML, CSS, JavaScript and PHP. She succeeded with an average of 15/20.
Information system and Database course lecturer	For 2 months, I prepared 5 students for DQP/CQP Cameroon exam in this course.

ACADEMIC STUDIES

2022	Bachelor degree in Computer science, option Information systems and Software engineering	University of Yaounde I
2018	GCE – A level, Science 1	Government Bilingual High School Yaounde

PROFESSIONNAL STUDIES

2022 (2 months)	Web front end development	Vinsight startup
2020 (6 months)	Python development	SEED community
2019 (1 year)	Android-kotlin development	Google DSC UY1

PROFESSIONNAL EXPERIENCE

September 2024 – Now	nyango agency – remote	Web frontend developer

- Web front-end maintenance and development using React.js.
- Material UI & Tailwind CSS & Sass for styling.

August 2024 – Now	CIA Formation – on site	Web full stack developer

- Web front-end maintenance and development using native HTML, CSS, JS, and Laragon.
- Web back-end maintenance and development using php and Laragon.
- Bootstrap & Sass for styling.
- Web development mentor
- Information system and database instructor

April 2024 – June 2024	Premium services – remote	Web frontend developer

- Web front-end development using React.js.
- Lotties and Three.js for animations.
- Material UI / Bootstrap / Tailwind CSS / Preline / Sass or Less for styling.

Jan 2024 – July 2024	Agribusiness - hybrid	Mobile developer

RESPONISBILITIES

- Mobile front-end development using React native.
- Redux, and related packages for global state management.
- Lotties for animations.

Jan 2023 – July 2024	Powerksoft – on site	Web and desktop applications development, designer and software engineer

RESPONISBILITIES

- Web front-end development using React.js, Redux for global state management, Material UI, Tailwind CSS, Sass for styling.
- Web back-end development using FastAPI, Mongo DB database.
- Desktop front-end development using Electron.js, Material UI and Saas for styling.
- Desktop back-end development using FastAPI, Mongo DB database
- Starter level user interface designing using Figma
- Software project management using Trello and Office documentation.

May 2023 – Now	Flikart + - remote	Web developer

RESPONISBILITIES

- Web front-end development using React.js, Three.js for animations, Redux for global state management, Material UI, Tailwind CSS, Sass for styling.
- Web back-end development using Node.js (Express), Swagger UI for API documentation, and Mongo DB database.

May 2023 – Aug 2023	Proservice - remote	Web developer

RESPONISBILITIES

- Web front-end development using React.js, Redux for global state management, Material UI, Bootstrap, Sass for styling.
- Web back-end development using Node.js (Express), Swagger UI for API documentation, and Mongo DB database.

July 2021 – Now	For Individuals	Android development, Mobile development, Web development

RESPONISBILITIES

- Web front-end development using React.js.
- Mobile front-end development using React native.
- Android development with Kotlin.
- Redux, and related packages for global state management.
- Lotties and Three.js for animations.
- Material UI / Bootstrap / Tailwind CSS / Preline / Sass or Less for styling.
- Web back-end development using FastAPI / Node.js (Express).
- Swagger UI for API documentation.
- Mongo DB / MySQL / PostgreSQL database

OTHERS

- Social live: Students' delegate from 2019 to 2022, Technical Team lead Google DSC UY1 on 2020
- Fun : Musique, Jeux vidéo, lecture, football
- Diving skill : In procession of a driving licence, B category