

Name: NDANG ESSI Pierre Junior
Phone: +237 690 743 737
Email: dev@essijunior.com
Portfolio: <https://essijunior.com/>
LinkedIn: <https://www.linkedin.com/in/essijunior/>

SOFTWARE DEVELOPPER AND IT INSTRUCTOR

4 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 5 tutorials, and have about 10 professional web applications in React.js.
	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 2 professional projects with it until now.
UI frameworks	Material UI	I widely used this one in academic projects.
	Bootstrap	I used in 1 or 2 projects
	Tailwind	Nowadays, I use it in every project.
	Shadcn UI	I really like it, I use it in every Next.js project
	Acertenity UI	This is my favorite actually.
CSS Preprocessors	Sass(Scss)	I used this in all my works before tailwind v4, as they are incompatible
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.
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 5 professional ones.
	Node.js	Next comes Node.js (Express.js), which I used in about 2 tutorial projects and 3 professional projects.
	Laravel	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.
Security	Oauth2, JWT	I ensured the security of APIs by generating temporary JSON Web Tokens a bearing authentication to the application with the Oauth2.
CI/CD	GitHub actions	I use this CI/CD tool whenever I am in charge of backend development (even for frontend).
Mobile development		
Tag	Technology	Comment
Languages	JavaScript	
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.
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 apps.
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.
	Tkinter	I developed a personal project with this Python base desktop library.
UI frameworks	Tailwind	I used in my second Electron.js application
	Material UI	Similarly as in React.js, I used in Electron.
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 programming (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
AWS App runner		I deployed FastAPI, Django, Node.js applications
CPanel		I deployed React.js and Next.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 5 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. She developed an e-learning platform in HTML, CSS, JavaScript and PHP. She succeeded with an average of 15/20.
DQP Academic instructor		I followed an Artificial intelligence student as academic mentor. She established visualization and data analysis of a company's information system. She succeeded with an average of 19/20.

Information system and Database course lecturer	For 2 months, I prepared students for DQP/CQP Cameroon exam in this course.
Bases of web development	For 2 month, I prepared students for DQP/CQP Cameroon exam in this course.
Product management and UML	For 1 month, I prepared students for DQP/CQP Cameroon exam in this course.
React.js based web development	For 1 month, I prepared students for DQP/CQP Cameroon exam in this course.
Business Intelligence	For 1 month, I prepared students for DQP/CQP Cameroon exam in this course.
Introduction to mathematical logic	For 1 month, I prepared students for DQP/CQP Cameroon exam in this course.
English section student home teacher	I have worked successfully with 3 students, one succeeded Lowersixth S4, another Form3 and Form4, and another the GCE OL. Nowadays, I am working with a student who will write the GCE-OL 2026.

ACADEMIC STUDIES

2025	Master 1 in Computer science, option Information systems and Software engineering	University of Yaounde I
2022	Bachelor degree in Computer science, option Information systems and Software engineering	University of Yaounde I
2018	GCE – A level, Science 1	Government Bilingua 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

Sept. 2025 – Oct. 2025	PSHoldings services - remote	Frontend engineer and webmaster
------------------------	------------------------------	---------------------------------

- Web front-end maintenance of React.js projects.
- Performance Analytics and metrics of applications.
- Deployment to CPanel servers

Aug. 2024 – Aug. 2025	CIA Formation – on site	Web full stack developer and IT instructor
-----------------------	-------------------------	--

- Web front-end maintenance and development using native HTML, CSS, JS, and Laragon.
- Web back-end maintenance and development using php and Laragon.
- Web development mentor
- Instructor in computer science subjects

Sept. 2024 – Nov. 2024	nyango agency - remote	Web frontend developer
------------------------	------------------------	------------------------

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

Apr. 2024 – Jun. 2024	PS Holding services - remote	Web frontend developer
-----------------------	------------------------------	------------------------

- Web front-end development using React.js.

Jan. 2024 – Jul. 2024	Agribusiness - hybrid	Mobile developer
-----------------------	-----------------------	------------------

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

Jan. 2023 – Jul. 2024	Powerksoft – on site	Web and desktop applications development, web designer and software engineer
-----------------------	----------------------	---

- 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.

Aug 2021 - Now	For Individuals	Software development, website creation services, graphics designing,
----------------	-----------------	---

- 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, Communicant in Cameroon Life Word Mission.
- Fun : Music, Video games, lecture, football
- Diving skill : In procession of a driving license, B category