

# Arnold Jonas CONVOLBO

Full Stack Web Developer | DevOps & Linux Administration Enthusiast

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## PROFESSIONAL SUMMARY

Aspiring Full Stack Web Developer and self-taught learner with hands-on experience in modern web technologies and a strong foundation in both frontend and backend development. Demonstrated expertise in React.js, PHP/Laravel, Nodejs/Express and growing proficiency in DevOps practices and Linux administration. Passionate about building efficient, scalable applications and continuously exploring emerging technologies and industry best practices. Eager to leverage technical skills, creativity, and problem-solving abilities to contribute to dynamic, innovative development teams and deliver impactful real-world solutions.

### Key Technical Areas:

- **Full-Stack Development:** Frontend (React.js, TypeScript), Backend (PHP, Laravel, Nodejs - Express)
- **DevOps & Infrastructure:** Docker containerization and Containers management with Docker Compose
- **Web Technologies:** RESTful APIs, database integration, responsive web design
- **Development Practices:** Testing, performance optimization, version control
- **Continuous Learning:** Self-motivated learner with focus on emerging technologies

## CORE TECHNICAL COMPETENCIES

### Frontend Development

- **Web Technologies:** HTML5, CSS3, JavaScript (ES6+)
- **React.js Ecosystem:** Component development, hooks, state management
- **TypeScript:** Type-safe development, interface design
- **Responsive Design:** Mobile-first development, cross-browser compatibility

### Backend Development & APIs

- **PHP & Laravel:** MVC architecture, RESTful API development
- **Node.js & Express:** Backend services, RESTful API development
- **Database Management:** SQL/NoSQL databases, database design and optimization
- **API Development:** RESTful services, API integration

### DevOps & Infrastructure

- **Containerization:** Docker, container orchestration
- **Linux Administration:** Command line proficiency
- **Version Control:** Git, collaborative development workflows

### Development Tools & Practices

- **Performance Optimization:** Frontend optimization, code quality
- **Project Management:** Agile methodologies, best practices

## PROFESSIONAL EXPERIENCE

**Fullstack Web Developer (Internship) | RIGO Faso**  
Ouagadougou, Burkina Faso - Web Development

## **Key Achievements:**

- **Full-Stack Development:** Participated in the complete design and development of web applications using React.js for frontend and Laravel for backend implementation
- **API Development:** Implemented RESTful APIs ensuring seamless communication between frontend and backend systems
- **Database Integration:** Designed and integrated database solutions, optimizing queries for improved performance
- **DevOps Practices:** Utilized Docker for containerization and Linux for development environment management

**Technologies:** React.js, TypeScript, Laravel, PHP, Docker, Linux, MySQL, Git, RESTful APIs

## **Personal Projects | Practical Experience**

*Full-Stack Web Development & Real-Time Applications*

### **AstroTalk — Real-Time Messaging Application**

- Developed a real-time messaging application enabling instant user communication using WebSockets
- Implemented real-time message delivery with Socket.IO for bidirectional client-server communication
- Built a responsive and modern user interface with React and Tailwind CSS
- Designed and developed a scalable backend using Node.js, Express, and TypeScript
- Managed data persistence and user messages using MongoDB

**Technologies:** React, Tailwind CSS, Node.js, Express, TypeScript (Frontend & Backend), Socket.IO, MongoDB

### **AetherAI — AI-Powered Content Creation Platform**

- Developed an AI-driven web application enabling users to generate blog articles, titles, and images
- Implemented advanced image processing features including background removal and object removal
- Integrated CV analysis functionality powered by AI to extract insights and improvements
- Built secure authentication and subscription management (Free/Premium plans) using Clerk
- Designed a full-stack architecture with a React frontend and a Node.js/Express backend using TypeScript
- Implemented relational data storage and management with PostgreSQL (NeonDB)

**Technologies:** React, Tailwind CSS, Clerk (Authentication & Billing), Node.js, Express, TypeScript (Frontend & Backend), PostgreSQL (NeonDB), AI APIs

## **EDUCATION & CERTIFICATIONS**

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**Bachelor's Degree in Computer Science and Mathematics (License 3) | Université Virtuelle du Burkina Faso**

**Baccalaureate Series C | Collège Saint Jean-Baptiste de la Salle**

*Grade: Fairly Good Mention*

**BEPC | Prytanée Militaire du Kadiogo**

## **Professional Certifications**

- **Responsive Web Design** | FreeCodeCamp
- **Initiation to Front-End Development** | Meta
- **Advanced Commands in Linux** | Coursera

## **LANGUAGE PROFICIENCY**

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- **French:** Native proficiency (spoken, written, read)
- **English:** Intermediate proficiency (written, read)

## PROFESSIONAL ATTRIBUTES

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- **Self-Learner:** Highly motivated with proven ability to independently acquire new technical skills and technologies
- **Problem-Solving:** Strong analytical and debugging capabilities with attention to detail
- **Adaptability:** Quick learner capable of adapting to new technologies, frameworks, and development environments
- **Team Collaboration:** Effective communicator with experience working in collaborative development environments
- **Quality-Focused:** Committed to writing clean, maintainable code following industry best practices
- **Continuous Improvement:** Passionate about staying current with emerging technologies and development trends