METHUSELAH NWODOBEH

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SUMMARY

Full-stack developer with 3+ years of experience building React and Next.js frontends backed by Python (FastAPI/Django/Flask) and Java (Spring Boot) services. Skilled in delivering performant, responsive, and maintainable web apps with strong attention to detail and communication. Experienced with modern frontend tooling (React Hooks, Context, Redux, Tailwind, Next.js) and integrating APIs into scalable applications. Adept at collaborating in teams, meeting tight deadlines, and producing clear documentation.

WORK EXPERIENCE

Associate Software Developer | Amalitech Ghana   **Dec 2024 - Present**

- Built React-based UIs for an AI-powered developer quiz bot, ensuring seamless user experience with real-time updates from backend APIs.
- Collaborated on a code analysis tool (Java + Spring Boot + OpenAI) and integrated results into a React dashboard for visual insights.
- Led documentation efforts for APIs and frontend components, improving onboarding speed for new developers.
- Mentored junior developers, including frontend best practices and React state management patterns

Junior Associate Software Developer | Amalitech Ghana   **Oct 2023 - Dec 2024**

- Contributed to a test-taking platform with microservices, building Angular and React components for quizzes, reports, and dashboards.
- Developed UIs and improved responsiveness for an in-vehicle infotainment system, ensuring smooth rendering of real-time updates.
- Collaborated closely with backend teams to define and consume REST APIs in React/Angular apps.
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- Built an image search engine frontend with React, integrating it with Django and Redis backend services.
- Optimized client-side caching and state management, improving search response times by 50%.
- Worked with DevOps team to integrate monitoring dashboards into the React-based admin UI.

TECHNICAL SKILLS

- **Frontend:** React, Next.js, Tailwind CSS, TypeScript, JavaScript, Flutter
- **Backend:** Python (FastAPI, Django, Flask), Java (Spring Boot)
- **Databases:** PostgreSQL, MongoDB, Redis
- **DevOps & Cloud:** Docker, Docker Compose, AWS (S3, EC2, RDS), GitHub Actions
- **Other Tools:** Git, Postman, Prometheus, Grafana, Sentry

CERTIFICATIONS

- AWS Cloud Practitioner (2024)

EDUCATION   **Graduated 2022**

Electrical Engineering │ Cape Coast Technical University
- **Specialization:** Instrumentation and Control Systems Engineering

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RELEVANT PROJECTS

Versa-Learn
- **GitHub:** https://github.com/ProfessorBlackman/versa-learn-web
- **Live URL:**https://versa-learn.com/
- An AI-Based online learning platform that offers personalized learning experiences
- **Key Features:**
  - AI-generated quizzes and summaries for each learning module
  - Personalized learning paths based on user preferences and performance
  - Progress tracking and analytics to monitor learning outcomes
  - Community features such as discussion forums and peer reviews
  - Integration with third-party tools and platforms for enhanced learning experiences

Savior Children Foundation Website
- **GitHub:** https://github.com/ProfessorBlackman/orphanage-website
- **Live URL:** https://www.saviorchildrenfoundation.org/
- A website for a non-profit organization focused on child welfare
- **Key Features:**
  - Integrated Typeform forms for volunteer sign-ups and donations
  - Automated donations
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WebWizard Insights
- **GitHub:** https://github.com/ProfessorBlackman/web-wizard-insights
- **Live URL:** https://web-wizard-insights.vercel.app/
- A tool that analyzes and provides website metrics
- **Key Features:**
  - Measure website performance
  - Check website accessibility
  - Check website responsiveness

LANGUAGES

- English - Fluent