Emmanuel Asiedu Agyare

Full-Stack Engineer

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SUMMARY

Experienced Full-Stack Developer proficient in building modern web applications with React, and integrating backend APIs. Skilled in creating scalable, user-friendly interfaces, optimizing performance, and collaborating with cross-functional teams to deliver high-quality solutions.

SKILLS

Frontend Technologies:
React, JavaScript (ES6+), TypeScript, HTML5, CSS3, TailwindCSS, Bootstrap, Angular

Backend Technologies:
Node.js, Python (Django), RESTful API Design

Tools & Frameworks:
Webpack, Vite, Git, Docker, Figma

Testing & Quality Assurance:
Jest, React Testing Library, Cypress

Design & Development Principles:
Responsive Design, Accessibility (a11y), Cross-Browser Compatibility, UI/UX Best Practices

Soft Skills:
Collaboration, Problem-Solving, Agile Methodologies, Mentoring, Communication

WORK EXPERIENCE

Software Developer | Data Analyst
25:2 Solutions LLC, Pocatello, ID | September 2021 – Present

- Developed scalable and performant frontend features with **React** and **TypeScript**, improving the user experience.
- Designed and implemented **RESTful APIs** using **Python Django** to support seamless data flow between the frontend and backend.
- Collaborated with stakeholders to gather requirements and align development goals, fostering effective cross-functional communication.
- Improved application load times by **25%** through backend performance tuning and frontend optimizations.
- Mentored junior developers, sharing best practices for clean code and **Agile methodologies**.

- Built a centralized **component library**, accelerating development by **40%** across multiple projects.
- Ensured WCAG 2.1 compliance, making applications accessible to diverse user groups.
- Proactively identified backend bottlenecks, contributing to a **99.9% uptime** record.

Software Developer
Safestreets LLC, Rexburg, ID | July 2019 – January 2021

- Engineered responsive user interfaces and integrated real-time data from **RESTful APIs** built with **Java**.
- Conducted unit testing and debugging of code to ensure reliability and functionality before deployment.
- Streamlined workflows by creating reusable libraries for both frontend and backend components, cutting development time by **15%**.
- Applied **Agile methodologies**, facilitating sprint planning to enhance team productivity.
- Automated data cleaning processes, reducing manual efforts by 30%.
- Delivered features under budget, earning commendation for effective collaboration and efficient resource use.
- Designed and implemented a dark mode toggle, increasing user satisfaction by **30%**.

Software Developer Intern
Alder Holdings LLC, Orem, UT | January 2019 – April 2019

- Assisted in the development of internal tools and contributed to the backend logic of client-facing applications.
- Participated in **unit testing** and **UI bug resolution** to ensure smooth functionality and enhance application performance.

Faculty Technology Assistant
Brigham Young University-Idaho, Rexburg, ID | February 2018 – December 2018

- Provided technical support and created training resources to enhance faculty adoption of new systems.
- Collaborated with cross-departmental teams to implement backup solutions, safeguarding sensitive data.
- Applied problem-solving skills to resolve technical challenges, boosting satisfaction rates by **30%**.

EDUCATION

Bachelor of Science in Computer Information Technology
Brigham Young University-Idaho, Rexburg, ID | Graduated: July 2021