RICHARD STEPHEN ANTWI

FULLSTACK DEVLOPER ❖ Kumasi, Ghana ❖ (+233) 546 89 3307 ❖ csrichard000@gmail.com

❖ **PORTFOLIO WEBSITE**: https://csr000.vercel.app

EDUCATION

University of Ghana – Ghana. **Major:** *Computer Science*   2019 - 2023
Relevant Coursework: Object-Oriented Programming and Data Structures, Web Applications, Mobile Applications Development, Introduction to Artificial Intelligence, Advanced Database Concepts.

EXPERIENCE

Kwame Nkrumah University of Science and Technology (UITS)   Aug 2022 – Oct 2022
Software Engineer Intern
- Re-architected legacy PHP reservation system, achieving 5x faster response time using Django.
- Implemented a CMS for an existing website, streamlining its organization and user experience.
- Facilitated efficient software development through technical support and troubleshooting assistance.

Renies Cite Enterprise   May 2019 – Sep 2022
Software Engineer
- Designed and developed a user-friendly, cross-platform mobile application that generated over 5000 invoices annually, significantly improving the business's productivity.
- Developed a cutting-edge mobile app with React Native using FastAI to accurately detect plant diseases.
- Conducted comprehensive testing to ensure SRS compliance and seamless user experience for mobile apps.

Redemption Assemblies of God Church   Jan 2019 - June 2022
Full Stack Developer
- Designed responsive, cross-browser website with 17% faster load time, enhancing user experience.
- Delivered timely and effective technical support, contributing to high user satisfaction and retention.
- Managed multiple SQL databases, guaranteeing their stability and ensuring their consistent functionality.

PROJECTS

Resume Analyzer – *JavaScript, React.js, Python, FastAPI.*
An AI powered web application designed to parse, compare and rank resumes against a job description.
- Implemented state-of-the-art AI techniques to examine and deliver accurate resume analysis using GPT-3.
- Designed user-friendly front-end with React.js and integrated secure, scalable back-end using Python and FastAPI for efficient performance with large data volumes.

ThirdNerds – *JavaScript, Next.js, TypeScript, Express.js, Node.js, MongoDB.*
A comprehensive and dynamic online professional development program.
- Designed and implemented user-friendly interfaces, allowing students to easily navigate and engage with the program's rich multimedia content, resulting in high levels of user engagement and satisfaction.
- Built scalable and robust back-end infrastructure using Node.js and MongoDB, ensuring seamless delivery of high-quality content and reliable performance even during peak usage.

Employee Attendance System - *Typescript, React.js, Electron.js, Node.js, Sqlite3.*
A sophisticated desktop program designed to assist organizations in monitoring employee attendance.
- Developed a sophisticated desktop program for employee attendance tracking with React.js, Electron.js, and Node.js, delivering increased efficiency and productivity to HR departments.
- Implemented a scalable database using Sqlite3 to effectively store and retrieve employee attendance data, resulting in streamlined data management for organizations.

SKILLS AND INTERESTS

- **Programming languages**: Python, TypeScript, JavaScript.
- **Tools and Frameworks:** HTML5, CSS3, Tailwind CSS, SASS/SCSS, React.JS, Redux, Next.JS, React Native, Node.JS, Express.JS, Electron.JS, Django, SQL, RESTful API, Testing, Linux, GIT, Bootstrap, RESPONSIVE WEB DESIGN, UI/UX, FIGMA.