# ALFRED PRINCE GYAN

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**Summary:**

Results-driven Software Engineer with expertise in Full Stack development, particularly in ReactJS, ReactNative, PHP and NodeJS. Proficient in overseeing diverse software projects, including websites, and mobile apps. Possesses native-level English proficiency and exceptional communication skills.

**Skills:**

* Full Stack Development: HTML, PHP, ReactJS, ReactNative, NodeJS, Git, SQL, No SQL, Python.
* Project Management: Planning, Scheduling, Budgeting, Risk Management
* Team Leadership: Guiding and Motivating Cross-functional Teams
* Communication: Native-level English Proficiency
* Agile Methodologies: Scrum, Agile Frameworks
* Problem Solving: Strategic Thinking, Troubleshooting
* Technical Expertise: Software Design, Development, and Consulting
* UI/UX |Graphic Design: Photoshop, Illustrator, Figma

**Experience:**

**Software Engineering | Freelance | Remote**

***2021 – Present***

* Successfully managed the end-to-end development of web projects, ensuring timely delivery and adherence to quality standards.
* Collaborated with cross-functional teams to assess technical feasibility of UX/UI designs and implement a responsive, mobile-first approach.
* Led the development of the frontend for the "Land Check" web project, achieving seamless user experience.
* Actively participated in agile methodologies such as Scrum, contributing to sprint planning, stand-up meetings, and iterative development.
* Implemented frontend solutions using React, TypeScript, HTML5, and CSS3, enhancing user engagement and improving the overall platform experience.

**SSV Testing Engineer (Contract) |** LinfraGH | Remote

***2024 -***

* Conducted Single Site Verification (SSV) testing for 5G/4G/3G networks
* Identified and reported Network Analyzers (Keysight), SSV Testing and Optimization 5G/4G/3G Network Performance Analysis to validate site performance.
* Collaborated with cross-functional teams to resolve issues

**TrustKiosk Manager | Ghana Dot Com | Cape Coast**

***2021 – March 2024***

* TrustKiosk is an automated Momo Vendor Machine.
* Contributed to the codebase, troubleshooting and resolving technical issues to ensure smooth operations.
* Demonstrated strong leadership skills in managing my team and coordinating their efforts towards product acceptance and usage in deployed areas.

**National Service (IT Support) | University of Cape Coast – E-Learning Section | Cape Coast**

***2019 – 2020***

* Provided administrative support, maintained filing systems, and implemented clerical duties.
* Maintained university websites and e-learning platforms using Drupal CMS framework.
* Demonstrated creativity and innovation in enhancing the user experience and platform functionality.
* Volunteered as a Teaching Assistant due lack of TA’s.

**Education:**

BSc Computer Science | University of Cape Coast | Cape Coast

**Courses & Certificates:**

* Google IT Support Professional Certificate — Google and Coursera
* CS50 Introduction to Computer Science – Havard and edx
* Microsoft Azure Fundamental AZ-900 — Azubi Africa
* Google Africa Developer Scholarship: Android — Google
* Deep Learning — Udacity — Bertelsmann Tech Scholarship Challenge Al

**Projects:**

**Real-Time Video Conferencing App | ReactJS, Clerk Authentication, Stream API**

* This is a web-based application that supports concurrent meetings, screen sharing, recording, and chat functionalities similar to Zoom.
* Key features include user authentication, meeting creation and joining, real-time video and audio communication and a responsive UI/UX.
* This project demonstrates full-stack development proficiency, real-time communication implementation, and user experience design.
* Deployment: <https://zoomm.netlify.app/>
* Source Code: <https://github.com/princegyan/zoomClone>

**Team Meeting Scheduler | React.js, Node.js, Express.js, MongoDB**

* Full-stack web application for team and project management meeting scheduling.
* Developed comprehensive scheduling platform with real-time collaboration features.
* Implemented user authentication, meeting creation, and management functionalities.
* Demonstrated proficiency in modern web development technologies and full-stack integration.
* Deployed using industry-standard technologies: React frontend, Node.js/Express backend, MongoDB database
* Deployment: https://freeschedule.netlify.app/
* Source Code: https://github.com/princegyan/MeetingScheduler

**Precision Farmer | IoT-Embedded System**

* Led IoT-embedded system project analyzing farm conditions with programmable sensors.
* Designed frameworks for data analysis and future predictions, including programmable voice alerts.
* Source Code: <https://github.com/princegyan/Precision-Farming>

**Land Check | ReactJS, Tailwind CSS**

* + Created a responsive web app enabling users to search and verify lands using ReactJS and Tailwind CSS.
  + Contributed to frontend development for a seamless user experience.
  + Source Code: <https://github.com/princegyan/LandCheckWeb>

**Ride-Hailing Landing Page | ReactJS, Bootstrap CSS, Typescript**

* + Created a web app enabling new drivers to sign up and verify lands using ReactJS, Bootstrap 4 CSS and Typescript.
  + Source Code: <https://github.com/princegyan/myBolt>
  + Deployed: <https://my-bolt.vercel.app/>

**Leadership:**

**Music & Productions Director**

Joyful Way Incorporated, Cape Coast Branch

***2022 - 2024***

* Planned and implemented several crusades and school ministrations and 2 major successful musical concerts at the UCC Auditorium 900.
* Key Responsibilities included directing music productions, provide guidance, manage the music team, and plan events. I also mentored emerging talents, handle administrative task, and ensure asset management, while maintaining a harmonious team environment.