

# STEPHEN KORANKYE

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## Skills

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- Node | Express | React | React Native | Next | Electron | FastAPI | MySQL | PostgreSQL | NoSQL
- Git | Cloud Computing | C++ | C | JavaScript | jQuery | Java | Python | Kotlin | Full-Stack

## Experience

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|---|-------------------------------|--|
| <b>Software Engineer</b>  | <b><u>Amfex Network</u></b>   | <i>Sunyani, Ghana</i> <b>10/2021 - Current</b> |
| <ul style="list-style-type: none"><li>• Led the design and development of a high-level, security-prioritized, and speed-efficient system for the Ghana Immigration Service that handles thousands of immigration and security related cases per month.</li><li>• Designed and implemented multiple enterprise-level applications for multiple clients, increasing the company's annual revenue by 50% using the latest technologies such as <b>Node, FastAPI, React, React Native, and Electron</b>.</li><li>• Fixed issues causing site crashes, resulting in high uptime and increased client productivity.</li></ul> |                               |  |
| <b>Software Engineer Intern</b>   | <b><u>CY Technologies</u></b> | <i>Sunyani, Ghana</i> <b>07/2021 - 10/2021</b> |
| <ul style="list-style-type: none"><li>• Contributed to the backend functionalities of various web applications using PHP.</li><li>• Designed and efficiently developed multiple websites for multiple clients.</li><li>• Taught a group of students front-end web development concepts such as HTML, CSS, and JavaScript.</li></ul>   |                               |  |
| <b>Software Engineer Intern</b>   | <b><u>Amfex Network</u></b>   | <i>Sunyani, Ghana</i> <b>09/2019 - 06/2021</b> |
| <ul style="list-style-type: none"><li>• Contributed to both frontend and backend functionalities of various websites.</li></ul>   |                               |  |
| <b>Software Developer</b>   | <b><u>Contract</u></b>        | <i>Accra, Ghana</i> <b>07/2020 - 11/2020</b>   |
| <ul style="list-style-type: none"><li>• <b>Donation System:</b> Implemented a payment system for donating funds to support needy persons.</li></ul>   |                               |  |
| <b>Software Developer</b>   | <b><u>Contract</u></b>        | <i>Accra, Ghana</i> <b>02/2020 - 05/2020</b>   |
| <ul style="list-style-type: none"><li>• <b>E-Voting System:</b> Developed an e-voting system where people can safely and conveniently vote online.</li></ul>  |                               |  |

## Education

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|---|--|
| <b><u>University of Energy and Natural Resources</u></b>                                      | <i>Sunyani, Ghana</i> <b>08/2018 - 10/2022</b> |
| <ul style="list-style-type: none"><li>• Bachelor of Science, Information Technology</li></ul> |  |

## Projects

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- **Archiving System:** A web application that allows users to upload, download and view documents of many formats. Technologies used are Node, Express, and MongoDB.
- **Anonymous Crime Reporter:** Developed a web application that lets users of an institution report crime without their identity being shown. Technologies used are Node, Express, and MongoDB.
- **Scouting System:** Developed a web application that allows football scouts to find talented players worldwide. Technologies used are Node, Express, and MongoDB.

## Mentorship

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- **Data Structures and Algorithms Tutor:** Taught a group of students Data Structures and Algorithms and how they are implemented in C++ (07/2019 - 09/2019)
- **Programming Instructor:** Taught a group of students basic concepts of the C++ and Python programming language (03/2019 - 04/2019)