ERICK LUMUNGE

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https://ke.linkedin.com/in/lumunge | https://github.com/lumunge

Programming Languages: **C++, Typescript, Python, Solidity, Java, Shell**

PROFILE SUMMARY

Lumunge is a passionate software developer with 2.5 years of professional software development experience designing and developing scalable, performant and maintainable web applications.

SKILLS

- Data structures
- Algorithm design
- Problem Solving
- SQL/NoSQL/PostgreSQL
- Cryptography and Encryption
- Blockchain/NFTs/DeFi/Web3/Hyperledger
- Agile Development
- Reliability
- Adaptability
- Time Management
- Interpersonal Skills
- Technical Writing

TOOLS & TECHNOLOGIES

- React.js
- Next.js
- Node.js
- Redis
- Docker
- Django
- Redux
- Truffle
- Ganache
- Brownie
- Ether.js
- Eclipse
- VSCode
- Git/Github/GitLab
- Linux
- GIMP

WORK EXPERIENCE

Opengenus IQ: Software Developer   Nov, 2021 – Present

- Worked with stakeholder to implement new features.
- Continually debugged and optimized the code.
- Worked with stakeholder to specify project requirements
- Created over 500 articles on various computer science and software development topics.
- Developed a data structures project for visualizing graph algorithms and algorithmic problems.

Freelance Developer   April, 2021 – Nov, 2021

- Continually identified, advised and delivered scalable solutions.
- Worked with clients to plan requirements.
- Increased business sales and market outreach by creating an online store.
- Offered outstanding service to my clients.
- Drove excellence through optimized and maintainable code.

PROJECTS

Jamii Blockchain Voting

An e-voting system that leverages the benefits of a public blockchain.(HTML, CSS, Material Ul, Next.js, Solidity, Python

Graph algorithms Visualization

A visualization of common graph algorithms and algorithmic problems involving graph theory. (Typescript, Javascript, CSS, HTML)

Arbitrage CLI Tool

A CLI tool that scrapes data from multiple websites to find arbitrage opportunities. (Python, SQL, Shell)

EDUCATION

Coursera Specialization Courses.   2020 – 2021

Mathematical Thinking in Computer Science

Data structures and Algorithms.

Kenya Methodist University   2018 – 2019

Diploma in Computer Information Systems.