Résumé

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Jan 7, 2025

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Work Experience

Knowledge Tree - 2022

- Full stack engineer at Knowledge Tree working with Rust and JavaScript
- Created the Knowledge Tree website in Rust
- Worked also as a devops engineer to ensure system stability and service deliverability

St. Ruth Schools - 2022 -2025

- Tech Lead at St. Ruth Schools for 4 years
- Full stack engineer at St. Ruth working with Rust and JavaScript
- Created the St. Ruth website with Rust and JavaScript
- Worked as a devops engineer to ensure system stability and service deliverability with an emphasis on cloud infrastructure
- Worked as a sysadmin where I created and monitored the email infrastructure

Projects

Code Editor - Full Stack Development

- Website - `https://code-craft.denniskuria.dev/`
- Repository - `https://codeberg.org/kaizerpublications/code-craft`
- Developed and deployed a code editor with full functionality in Next.js.
- You can run code from 9 different languages.
- It uses clerk for account authentication and convex for data management.
- Integrated with lemonsqueezy for payment and access to pro features.
- You can share code snippets and comment and like on favorite snippets.

E-Commerce Store - Full Stack Development

- Website - `https://e-commerce-store.denniskuria.dev/`

- Repository - `https://codeberg.org/kaizerpublications/ecommerce-store`

- Developed and deployed an e-commerce store using the MERN stack.

- It features a vibrant UI with both a customer facing section and an admin panel.

- The admin panel allows for adding of products, featuring products and analytics.

- It is integrated with stripe for payment.

- Featured products are cached using redis.

Twitter Clone - Full Stack Development

- Website - `https://twitter-clone.denniskuria.dev/`

- Repository - `https://codeberg.org/kaizerpublications/twitter-clone`

- Fully functional twitter clone built with the MERN stack.

- You can like, comment and build your profile.

- It uses MongoDB to store posts and persist data.

- It uses JWT tokens for authentication.

- The UI is a complete copy of twitter's UI

Technical Skills

Programming

- **Languages** – Python, Rust, Bash, HTML, CSS, JavaScript, Scheme, Typescript

- **Frameworks and libraries** – D3, React, Redis, Next.js, Redux

- **Dev tools** – Git, CI/CD, Testing, Linux, Docker

Education

Secondary Education: K.C.S.E: Grade A

Starehe Boy's Centre and School, 2012-2015

Languages

French, English, Swahili