

Hillary Muboka Libendi

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Skills

Frontend: HTML5, CSS3, JavaScript, TypeScript, Python, Reactjs, Redux, Tailwind, Shadcn, Bootstrap

Backend: JavaScript, Typescript, Node.js, Express.js, GraphQL, REST APIs, Prisma, tRPC

Databases: MySQL, PostgreSQL, MongoDB, Redis

Scalability and Deployment: AWS Elastic Beanstalk, AWS Amplify, CodePipeline

Containerization and Orchestration: Docker

Version Control: Git, Github Actions

Operating Systems: Windows, Linux

Testing: Jest

Work Experience

Frontend Engineer @ EduHubAfric Feb 2024 – Present

Skills: JavaScript, TypeScript, React.js, Redux, Next.js, Express.js, MongoDB, PostgreSQL, Jest, Docker, GitHub Actions, Tailwind

- Engineered a user-friendly interface using React.js and Next.js, integrating server-side rendering for enhanced performance.
- Implemented Redux for efficient state management, enhancing the scalability of the application.
- Collaborated with the backend team to integrate frontend components with Express.js, ensuring seamless communication between the client and server.
- Designed and developed a secure login system with role-based access control, utilizing JWT authentication for enhanced security.
- Configured distinct user roles (workers, admin, and customers) with granular permissions, ensuring appropriate access levels across the platform.
- Leveraged MongoDB and PostgreSQL for efficient data storage and retrieval, optimizing database performance.
- Utilized Jest for unit and integration testing, ensuring the reliability and stability of the frontend codebase.
- Containerized the application using Docker, streamlining deployment and enhancing scalability.
- Implemented CI/CD pipelines using GitHub Actions, automating the testing and deployment process for improved efficiency.

FullStack Engineer@ Scripting

Sept 2023 – Feb 2024

Skills: JavaScript, TypeScript, React.js, Redux, GraphQL, Nextjs, Express.js, MongoDB, PostgreSQL, Jest, Docker, GitHub Actions

- Mentored and onboarded one new engineers and integrated them into existing workflows
- Designed and developed a comprehensive web application for audio and video

- transcription services.
- Implemented a secure login system with role-based access control.
- Configured distinct user roles (workers, admin, and customers) with specific permissions.
- Leveraged AWS Amplify for seamless integration and deployment of frontend applications.
- Utilized AWS Elastic Beanstalk for scalable and efficient management of backend services.
- Developed the frontend using Next.js for a React-based application with server-side rendering.

FullStack Engineer @ PixelStream

May 2022 – Aug 2023

Skills: Nextjs, Typescript, HTML, CSS, MySQL, PostgreSQL

- Developed frontend solutions with a keen focus on cross-browser compatibility, responsiveness and accessibility
- Led weekly client meetings to foster open communication and provide updates on ongoing projects
- Coordinated with mobile application developers to design and implement REST APIs
- Automated assets optimization using Webpack and minified images and files reducing load times by up to 20%
- Developed and maintained over three web applications using Tailwind, Nextjs.

Freelance FrontEnd Engineer @ HeyBooster

Apr 2021 – May 2023

Skills: HTML, Styled Components, React.js, Jest.

- Translated design team's UX wireframes and mockups into responsive, interactive and accessible features using HTML, Styled Components and Reactjs.
- Worked with backend engineers to link frontend designs with existing APIs
- Collaborated closely with design team and provided input on building scalable and inclusive user interfaces(UIs)

Notable Projects

Scriptring – Audio and Video Transcription Web Application

Skills: React.js, Nextjs, Redux, Node.js, Express.js, MongoDB, GitHub Actions, Jest.

- I developed a comprehensive web application that offers audio and video transcription services, featuring a secure user authentication system with role-based access control.
- <https://www.scriptring.com>

Pdf Singer – AI application to upload and chat with your pdfs.

Skills: React.js, Nextjs, Context Api, tRPC, Prisma, MySQL, Pinecone, OpenAi GPT api, langchain, GitHub Actions, Jest

- Created a SaaS web application that enables user to create an account and chat with a pdf they upload.
- <https://www.pdf-singer.vercel.app>

Pixelstreamiptv – Movies Website

Skills: React.js, Nodejs, Expressjs

- Created an application that enables user to subscribe to different packages of IPTV services.
- <https://pixelstreamiptv.com>

Education

Technical University of Kenya - BEng. Electrical and Telecommunication Engineering

July 2021