

Joseph Muchai

✉ cjkimuthia5@gmail.com

☎ 0769067931

🔗 muchaijoseph.pages.dev

EDUCATION

B.Sc Mathematics and Computer Science
JKUAT

Sep 2019 – Jun 2024

SKILLS

Soft Skills

Problem-Solving | Team Collaboration | Adaptability
| Self Driven | Attention to detail | Time Management

Programming Languages

JavaScript | Python | TypeScript | Java

Frontend Development

React | Angular | Vue | Next.js | HTML | CSS | Tailwind
CSS | Material UI | Bootstrap | Tanstack Query |
Redux | Shadcn UI | Framer Motion | Zustand | Jest

Backend Development

Node.js | Express | Flask

Databases

PostgreSQL | SQLite | MongoDB | SQL | ORM tools
(SQLAlchemy, Drizzle, Prisma)

Tools & Technologies

Git | Docker | Supabase | Firebase | Redis | Figma |
Axios | React Native

CERTIFICATES

FullStack Open 2022

University of Helsinki

TypeScript

University of Helsinki

Docker and Containerization

University of Helsinki

Responsive Web Design

FreeCodeCamp

Github Copilot

Microsoft

PROFILE

Experienced software Developer seeking a role where I can apply my proven ability to build scalable web applications and integrate cutting-edge technologies to drive business efficiency and enhance user experiences. Have a strong foundation in performance optimization, version control systems, and cloud technologies. Strong problem-solving abilities and attention to detail complemented by excellent communication skills developed through technical writing experience.

Adaptable to fast-paced environments, committed to continuous learning, and staying current with emerging development trends and design patterns.

PROFESSIONAL EXPERIENCE

Software Developer

E & M Technology House

Feb 2025 – Jan 2026 | Tatu City

- Assisted in the design, development, testing, and deployment of secure **Internet banking solutions** using **Next.js** and **TypeScript**, following coding best practices and quality standards.
- Collaborated with cross-functional teams to troubleshoot issues, document solutions, and support end users, ensuring stable and reliable application performance.
- Contributed to agile development processes, participating in sprint planning, code reviews, and iterative testing to deliver high-quality software solutions.

Contributing Writer

Stackademic/JavaScript In plain English Blogs

2023 – present | Remote

- I **create detailed technical articles** on software development topics, including **modern web frameworks, UI/UX and API design**, fostering knowledge-sharing within the global developer community.
- I translate complex technical concepts into accessible content, enhancing learning outcomes for developers at all skill levels.

PROJECTS

Me-Movies

Technologies: **React, TMDB API, Firebase, Tanstack Query, Tailwind CSS, React Native, TypeScript**

- Inspired by countless hours spent manually tracking movies and recommendations from friends, I developed Me-Movies to create the movie discovery experience I always wanted. As an avid film enthusiast, I wanted to combine personalized curation with efficient discovery
- I implemented advanced search and filtering functionalities with TMDB API integration and trailer previews to enhance user engagement and discovery.
- I utilized Tanstack Query for efficient data fetching and Tailwind CSS for responsive, user-friendly interfaces, with Firebase enabling real-time data synchronization.
- I also implemented a mobile version using React Native.

BookVerse

Technologies: **TypeScript, React, Node, Express, Tailwind, Gemini API, Firebase Auth, Drizzle ORM, Postgres, Framer Motion**

- As an avid reader and developer, I wanted a smarter way to track my reading journey and discover new books. So, I built BookVerse, a reading companion web app featuring AI-powered book insights, customizable reading lists, and real-time progress tracking to enhance user engagement and accessibility.
- I integrated Google Books API and consumet-api to provide rich book metadata and instant download links, improving searchability and content access.
- Implemented a per-book **AI chatbot using Google GenAI SDK** and Server-Sent Events (SSE) for real-time, streamed conversation support.