

# CATHERINE ESTHER VUTHI

## Software Engineer

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### PROFESSIONAL SUMMARY

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Full Stack Developer with 2.5+ years of experience specializing in the MERN stack — MongoDB, Express.js, React.js, and Node.js, with a strong foundation in TypeScript and Next.js. Proven ability to collaborate with a remote cross-functional team to deliver high-quality, user-focused solutions.

### SKILLS

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**Frontend:** React, Next.js, TypeScript, Tailwind CSS, Redux, React Query, Figma

**Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication, GraphQL, Supertest

**Databases:** MongoDB, MySQL, PostgreSQL, Redis

**DevOps:** Docker, Git, CI/CD

### WORK EXPERIENCE

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#### Mid-Level Software Engineer | StartupBlink | Jan 2024 - Apr 2025

- Built search components in Next.js and integrated Algolia, improving search speed by 40%.
- Developed interactive data visualization charts using Recharts, boosting user insights by 75%.
- Contributed to developing partner portals UI, increasing partner engagement.
- Led technical SEO efforts, improving website visibility and organic traffic by 35%.

#### Junior Frontend Developer | StartupBlink | Oct 2022 - Dec 2023

- Built dynamic entity pages with responsive UI in Next.js, TailwindCSS, and TypeScript.
- Reduced technical debt by 25% by refactoring legacy JavaScript code.
- Documented 100% of code changes, improving readability and maintenance.
- Collaborated with designers and senior engineers to implement UI/UX improvements.

### PROJECTS

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#### Developer Portfolio | Next.js, TypeScript, Tailwind CSS, EmailJS, Vercel

- Designed and built a fully responsive portfolio, ensuring a seamless experience across devices and browsers.
- Integrated EmailJS for smooth and reliable form submissions and deployed on Vercel.

### EDUCATION

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#### Certified Full-Stack Software Engineer

Moringa School, Nairobi | 2022

#### Bachelor of Science in Information Technology

Meru University of Science & Technology | 2014 - 2019