

SUMMARY

I am a self-driven software developer with 2 years of experience in front-end development. I am a developer with a passion for automating workflows and building clean, performant web experiences. I successfully boosted website conversion rates by 20% through A/B testing and optimized critical rendering paths for lightning-fast load times. I understand the principles of user-centered design, and I'm a master of bringing mockups to life with CSS frameworks like Tailwind. I am eager to leverage my technical curiosity and hands-on experience to contribute to a team dedicated to innovation and efficiency.

SKILLS

Languages

TypeScript

JavaScript

CSS

Skills

full-stack developer

performant web Apps

Linux

Frameworks & Libraries

Next.js

React.js

Tailwind CSS

ShadCN

Databases

MySQL

Postgres

SQL Server

Mongo Database

EXPERIENCE

Personal Projects | June 2022 –Present

- I am working on three NextJS projects, one of which is on e-commerce, where I am integrating backend logic for an administrative dashboard and working on developing APIs for database integration to the client side
- I am also working on a personal project for a student portal, where I intend to develop a student dashboard for both the student and administration.
- My next project is a personal hub to help me come up with a portfolio to help me learn and implement key aspects for my both front-end and back-end development journey

Key achievements:

- I have successfully implemented authentication.
- I have implemented secure APIs for database connections for MySQL and MongoDB.
- I managed to implement state management using react context and Zustand

Freelancing | November 2022 –Present

- I worked on a research project on large language models (LLMs), where I made an implementation using MBert algorithm for multilingual text classification
- I have managed to successfully complete over 100 research papers, most of which were technical papers based on the field of computing

- I also managed to write one website in HTML, Tailwind and JavaScript, which was used as a case study for a research paper
 - I have completed over 70 reports on data analysis, mostly using Excel worksheets for data analysis, and I have done a fair share of data analysis using Python. I have also used Tableau for data visualization.
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EDUCATION

BSc Murang'a University of Technology,

2018 – 2022

Bachelor of Science in Computer Science

3.0 GPA
