Tuhin Kairi

Fullstack Developer | MERN, NEXT.js

NEXT.js and MERN Stack Developer skilled in React, Redux, Node.js, and MongoDB. Proficient in Gen AI integration and responsive design with Tailwind CSS, focused on delivering innovative full-stack solutions.

tuhinkairii@gmail.com

+91 9333615777

Serampore, India

tuhinkairi.pythonanywhere.com/

linkedin.com/in/tuhinkairi

github.com/tuhinkairi

EDUCATION

Bachelor of Science in Zoology
Kazi Nazrul University, Asansol

09/2021 - 09/2024   *7.1 CGPA*

Diploma in Information Technology Application
Youth Computer Training Centre, Asansol

03/2019 - 06/2020

Courses
- MS Office, VB6, Excel, Computer Fundamentals

WORK EXPERIENCE

Backend Developer
Regional Client

08/2023 - 10/2024   *Asansol, West Bengal*

Achievements/Tasks
- Designed and implemented a government job portal using Flask and Selenium, featuring real-time job updates, notifications, and application tracking.
- Crafted RESTful APIs to enhance client-server communication.
- Contributed to business growth by implementing targeted customer acquisition strategies.

Fullstack Developer
WorInWell

03/2023 - 06/2023   *India*
Remote

Achievements/Tasks
- Spearheaded the frontend development of an e-commerce platform using React.js, Redux, and Tailwind CSS, ensuring cross-platform responsiveness.
- Built a medical appointment booking system powered by Laravel and MySQL, enabling seamless scheduling, consultations, and account management.
- improve the response time of the website by 3 seconds.

Web Developer
Wize(mylamp Ai)

12/2024 - Present0   *Kharagpure, India*
Software Development and IT solutions provider

Achievements/Tasks
- Reduce the loading time of a website by 8s.
- Developed a RESTful API.
- Enhance the user experience through a redesigned UI.

Contact : *https://shorturl.at/fchYY*

SKILLS

NEXT.js   React   Redux Toolkit   TypeScript
Node.js   JWT   Tailwind CSS   Three.js   Flask
RESTful APIs   MongoDB   MySQL   AI SDKs
Socket.io   WebRTC   DSA   C/C++   python
Server Deployment   TensorFlow   Hugging Face
Scikit-learn   Data MinPinecone   Selenium
Git/GitHub   Linux   Convex   Clerk

PERSONAL PROJECTS

Real-Time Chat Application
- Crafted a chat platform with NEXT.js, TypeScript, Convex, Clerk, and ZegoCloud. Features include group and one-on-one chat, file sharing, video calls, and AI chat/image generation.

AI Medical Assistance Tool
- Built a disease detection tool using React, Node.js, and a fine-tuned GPT-2 model with Flask, offering symptom-based diagnoses and recommendations.

E-Commerce Platform
- Designed a clothing and accessories platform using the MERN stack, integrated Redux for state management, and implemented secure payment gateways.

Vitals Abnormality Detection System
- Engineered a system to detect anomalies in vital signs from IoT inputs using Scikit-learn and TensorFlow, achieving a 99.47% accuracy rate.

ACHIEVEMENTS

Finalist at Evolumin National Hackathon:
 (09/2024 - 09/2024)
Crafted an AI/ML Assisted IoT abnormality detection system.

Finalist at Masterstack 3.0, ISM Dhanbad:
 (10/2024 - 10/2024)
Crafted an AI-driven electricity management tool, noted for its contribution to energy and financial efficiency.

LANGUAGES

Hindi
Native or Bilingual Proficiency

English
Professional Working Proficiency

Bengali
Native or Bilingual Proficiency