Hareem Akram

h.akramnew@gmail.com | **+375292655226**| **LinkedIn** | **Github** | **Website**

Self-motivated Software Engineering student with hands-on experience in full stack development. Strong foundation in JavaScript, React, Node.js, and modern frameworks. Proven ability to build and deploy scalable web applications. Passionate about creating user-friendly interfaces and efficient backend systems. Seeking remote full stack development internship opportunities.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, HTML, CSS, Python, C++

Frameworks & libraries: React.js, Vue.js, Tailwind CSS, Express.js

Backend & Tools: Node.js, MongoDB, PostgreSQL, Git, RESTful APIs

KEY ACHIEVEMENTS

Market Segmentation: Enhanced marketing effectiveness through targeted customer research.
AI Chatbot: Developed "YourAI," boosting user engagement significantly.
E-Commerce Success: Created "Crumb," increasing user retention by 20%.
Intuitive Design: Delivered responsive interfaces, elevating user satisfaction.

EDUCATION

Bachelor of Software Engineering   **September 2022 - July 2026**
Vitebsk State University
CGPA: 3.8

EXPERIENCE

Frontend Developer Intern   **June 2024 - September 2024**
BYBank (Australian Startup) | **Remote**
- Designed responsive interfaces for an EdTech platform, improving user engagement by 25%.
- Collaborated with cross-functional teams to enhance usability, reducing user drop-off rates by 15%.
- Applied modern frontend technologies (React.js, Tailwind CSS) in production, increasing development efficiency by 30%.

PROJECTS

CollabMark - Collaborative Markdown Editor
Tech Stack: React, TypeScript, Y.js, WebRTC, IndexedDB, Tailwind CSS
- Developed a real-time Markdown editor with CRDT-based conflict resolution using Y.js, enabling real-time collaboration for up-to 10 users without data conflicts.
- Achieved full offline editing and automatic reconnection sync using WebRTC + IndexedDB, improving resilience across unstable networks by 40% across unstable networks.
- Designed an IDE-style UI with live markdown preview, presence indicators, and change logs, reducing context-switching for devs by 30%

SafeWatch - Browser-Based Drowsiness Detection App
Tech Stack: TypeScript, React, MediaPipe, Face Mesh, Web Audio API, Tailwind CSS, ES Modules
- Built a 100% client-side drowsiness and distraction detection tool using MediaPipe Face Mesh, enabling real-time tracking at 15 FPs in modern browsers without cloud APIs.
- Triggered real-time visual and audio alerts based on facial cues like yawning or closed eyes.

Face Recognition Attendance System (Browser-Based)
Tech Stack: React, TypeScript, face-api.js, Tailwind CSS, TensorFlow.js, LocalStorage, ES Modules
- Built a browser-based face recognition system using face-api.js and TensorFlow.js that tracks attendance without servers. Logged entries with timestamps and face matches via LocalStorage, automating check-ins for groups of 30+users for classrooms and events

RESEARCH & ACADEMIC WORK

Thesis: Customer Segmentation Using Clustering
- Unsupervised Learning: Employed clustering techniques on 10,000+ user profiles, achieving 85% accuracy in segmentation.
- Impact: Boosted targeted marketing response rates by 30% and improved customer satisfaction by 20% through enhanced personalization.