

# Nausherwan Nasir

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## WORK EXPERIENCE

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### AirFler

Jan. 2025 – May 2025

Frontend Developer

Remote

- Rebuilt the company landing page in React and TypeScript, lifting user engagement 40% across 15,000+ monthly visitors.
- Pushed the Google Lighthouse performance score past 95 through code-splitting, image optimization, and lazy loading.
- Implemented AWS and Grafana monitoring so the team could catch and respond to performance issues in real time.

### University of New Brunswick

Aug. 2023 – Dec. 2024

Residence Assistant

Fredericton, NB

- Served as 24/7 first responder for 150+ residents, de-escalating conflicts and managing facility emergencies and crises.
- Planned and ran 16+ community events end to end, from budgeting and logistics through day-of execution.

### The UPS Store

Nov. 2022 – Jun. 2023

IT Support Specialist

Saint John, NB

- Wrote troubleshooting guides and standard operating procedures that cut average ticket resolution time by 35%.
- Resolved hardware, network, and software issues for walk-in and business customers as first-line Tier 1 support.

## EDUCATION

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### University of New Brunswick

May 2025

B.Sc. Computer Science, Minor in Administration

Fredericton, NB

## PROJECTS

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### ClosetClear

[github.com/nausherwannasir/closet-app](https://github.com/nausherwannasir/closet-app)

AI Wardrobe App

React Native, FastAPI, Python

- Mobile app that digitizes a user's wardrobe and suggests outfits using computer vision and vector search.
- Built the FastAPI backend on Hugging Face Spaces with caching that cut about 500ms of cold-start latency per request.

### VitalSigns

[github.com/nausherwannasir/vital-signs](https://github.com/nausherwannasir/vital-signs)

Contactless Heart Rate Monitor

Python, Flask, React, MediaPipe

- Estimates heart rate from a standard webcam using remote photoplethysmography (rPPG), with no contact or wearable.
- Built a Flask API and React interface, with MediaPipe face tracking and a Butterworth bandpass filter driving the signal pipeline.

## CERTIFICATIONS, SKILLS & INTERESTS

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- **Certifications:** Google Project Management, IBM Cybersecurity Analyst, Google Cybersecurity Professional.
- **Technical:** TypeScript, JavaScript, Python, SQL, React, React Native, Node.js, FastAPI, Flask, AWS, Docker, PostgreSQL, Git.
- **AI / ML:** Computer Vision, MediaPipe, Signal Processing, CLIP embeddings, Vector Search (Pinecone), LLM integration.
- **Interests:** Making music and beats, audio engineering, repairing cars, binge-watching Ted Lasso, reading the Tao Te Ching.