Nihar Wani

✉ wani.nihar@gmail.com   📞 (203) 243-2052   📍 CT   🔗 linkedin.com/in/niharwani   🔗 Portfolio

EDUCATION

M.S. Computer Science & Information Technology   03/2026 | Fairfield, USA
Sacred Heart University
GPA: 3.92/4

Bachelors of Computer Applications   04/2024 | Noida, India
Amity University
GPA: 3.56/4

TECHNICAL SKILLS

Programming & Tools: Python, C, C++, SQL, Java, HTML, CSS, JavaScript, Git, REST APIs, Firebase, Supabase, Next.js, React, Tailwind CSS, Shadcn/UI

Cloud & Infrastructure: AWS, Linux/UNIX, Azure, Google Cloud Platform (GCP), Firebase Auth, PostgreSQL, Realtime DB, CI/CD (basic), Docker (foundations)

AdTech & Web: HTTP, Web Protocols, Google Ads (Basics), API Integration, Web Analytics, User Behavior Tracking (mock/simulated)

Networking: TCP/IP, HTTP/HTTPS, REST APIs, Network monitoring

PROFESSIONAL EXPERIENCE

Research & Data Analysis Assistant | Sacred Heart University   07/2025 – Present | Fairfield
- Cleaned and managed student datasets (5,000+ records) ensuring **98%+ data accuracy**, used for key administrative decisions.
- Built interactive dashboards in **Power BI and Excel** to visualize student outcomes, supporting **4+ departments**.
- Analyzed trends in student success and post-graduation paths, contributing to **data-informed improvements** in academic advising.

Software Engineer | DHWANI AURICA PVT LTD   09/2020 – 10/2022 | Mumbai
- Developed an **e-commerce web and mobile platform**, increasing digital sales by **25%**, using **React, Firebase, and REST APIs**.
- Led development of a **telemedicine app** used by **10,000+ patients**, ensuring accessibility and smooth technical operation.
- Integrated secure login, booking, and report-sharing features using Firebase Auth and Realtime DB.
- Partnered with non-tech teams to translate customer requirements into deployable tech solutions — mirroring **cross-functional client collaboration**.

RELEVANT PROJECTS

Fintrack - Portfolio Manager 🔗
Built **FinTrack**, a personal finance web app using **Next.js**, **Supabase**, and **Firebase** to track real-time stock data and manage user portfolios. Integrated **Finnhub API** for live market updates and added a custom stock screener with filters. Designed secure auth (Google/Email) and responsive dashboards using **Tailwind CSS**, **Shadcn/UI**, and **Recharts** to visualize asset allocation and trends with a user-focused design.

NetWatch - Real-Time Network Monitoring Dashboard
Built a **real-time network monitoring** dashboard using Next.js 14, TypeScript, and Tailwind CSS with live diagnostics such as **ping, port scanning, and connectivity checks**. Added **intelligent alerts** for latency, packet loss, and availability with **real-time browser notifications**, and deployed the **serverless-ready application** on Vercel with seamless real-time updates.

CERTIFICATES

AWS Knowledge: Cloud Essentials | Docker Foundations Professional Certificate |

Career Essentials in Data Analysis by Microsoft and LinkedIn | Foundations of User Experience (UX) Design