

Nihar Wani

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EDUCATION

M.S. Computer Science & Information Technology

03/2026 | Fairfield, USA

Sacred Heart University

GPA: 3.89/4

Bachelors of Computer Applications

04/2024 | Noida, India

Amity University

GPA: 3.56/4

TECHNICAL SKILLS

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

Data Science & Analysis: Data Cleaning, Exploratory Data Analysis (EDA), Feature Engineering, Statistical Analysis, A/B Testing, Data Visualization, Time Series Analysis, Dashboard Development (Power BI, Tableau), BigQuery

Cloud & Infrastructure: AWS, 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)

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.
- Collaborated with faculty, career services, and tech teams to align insights with actionable strategies, mirroring client solutioning.

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.

Time Series Data Visualization Using Python 🔗

Developed a Python-based tool to analyze and visualize time series data using **pandas**, **matplotlib**, **seaborn**, and **statsmodels**. The script performs decomposition, trend analysis, and forecasting, extracting actionable insights from temporal datasets.

CERTIFICATES

AWS Knowledge: Cloud Essentials | Docker Foundations Professional Certificate |

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