Hasnain Niazi

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EDUCATION

The University of Texas at Dallas — Richardson, TX
Bachelor of Science in Computer Science — *Aug. 2024 – Present*
- Activities: Hackathons, UTD AI Society, Database Design Workshops

Wylie High School — Wylie, TX
High School Diploma — *May 2024*
- Activities: National Honor Society, Technical Certifications

EXPERIENCE

Sales Associate — Aug. 2023 – Present
T.J. Maxx — *Wylie, TX*
- Processed customer transactions, returns, and inquiries with consistent service quality.
- Maintained store organization and collaborated with team to meet sales objectives.

PROJECTS

Taskmaster | *React, TailwindCSS, FastAPI, MongoDB* — Jan. 2025 – Present
- Developing an AI-enhanced productivity platform for workflow and schedule organization.
- Integrated external APIs for automated task population and real-time reminders.
- Led UI/UX improvements to increase engagement and clarity of task management.

FundThesis | *FastAPI, PyTorch, React/Next.js, TailwindCSS* — Aug. 2025 – Present
- Mentoring six team members through product ideation, development, and iteration cycles.
- Designed AI-driven educational modules for stock analysis and financial literacy.
- Developed end-to-end data and deployment pipeline for dashboard release.

Kori.Study | *Raspberry Pi 5, React Native, Electron, Express.js* — Feb. 2025 – Present
- Built an environment-aware desk companion that encourages sustainable focus habits.
- Implemented real-time sensor processing and animated UI synced across Pi and mobile app.
- Designed interaction model prioritizing emotional tone, minimal prompts, and user-oriented UX.

TECHNICAL SKILLS

Certifications: MTA 98-367 (Security Fundamentals), MTA 98-349 (Windows OS Fundamentals), Pearson ITS – Networking, CompTIA Network+
Languages: Python, C++, JavaScript/TypeScript, Java, SQL
Frameworks & Libraries: React, React Native, Next.js, Node.js, Express.js, FastAPI, PyTorch, Tailwind CSS
Developer Tools: Git, Docker, AWS, Linux, Vite, Postman, VS Code
Hardware & Embedded: Raspberry Pi, Onshape (CAD), 3D Printing, OpenCV, I2C/SPI
Databases: PostgreSQL, MongoDB, Supabase

ACHIEVEMENTS & AWARDS

Winner – Best Use of Gemini API, HackUTD 2025.

1st Place – Cognizant x AMF1 Gen-AI Ideathon (2025).

UT Dallas AES Scholarship Recipient.

2nd Place – UTD AIS Mentorship Competition (2025).