ATHARV BHOSALE

UI/UX Designer & Full-Stack Developer (B.Tech)

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PROFESSIONAL SUMMARY

Innovative **1st-year B.Tech Student** at **Universal AI University** with a focus on UI/UX design and AI-integrated development. Proven track record of building complex projects from scratch, including healthcare AI, IoT systems, and gamified ed-tech platforms. Skilled in bridging the gap between hardware (Raspberry Pi/IoT) and software (Next.js/Python).

TECHNICAL SKILLS

- **Languages:** Python, C, C++, JavaScript (ES6+).
- **Web Development:** Next.js, React, Firebase (Auth/Firestore), Tailwind CSS.
- **Design:** UI/UX Design, Prototyping, AI-assisted design tools.
- **Hardware/IoT:** Raspberry Pi 5, RFID Systems, Computer Vision (OpenCV).

PROJECTS

Gyan Setu | Lead Developer

- Built a gamified productivity platform using **Next.js and Firebase** to help students track syllabi.
- Designed and implemented a digital pet feature that evolves based on task completion to increase user retention.
- Developed the "Academic Atlas," a visual roadmap for curriculum tracking.

Panacea (SpinSci Hackathon) | AI Developer & Designer

- Architected a healthcare platform to unify patient records and audit prescriptions using **AI**.
- Designed the full UI/UX flow and brand identity to ensure a seamless experience for medical professionals.
- Drafted technical proposals and logic for automated after-care plan generation.

Project Wall-EVE | Robotics & AI

- Developed a desktop robotic companion using **Python and Raspberry Pi 5**.
- Implemented **Computer Vision** modules to detect user emotions and provide proactive support.
- Successfully migrated code from laptop environments to Linux-based hardware.

IoT Smart Home & Library Security

- Engineered an **RFID-based** security system to prevent book theft in libraries.
- Developed a blueprint and prototype for an IoT-based home automation system.

EDUCATION

Universal AI University | *B.Tech in Computer Science (Specialization)*

- *Expected 2029*
- First Year Student | Focus on AI, Data Structures, and Creative Design.

ACHIEVEMENTS

- **Hackathon Participant:** Developed "Panacea" for the SpinSci healthcare challenge.
- **UI/UX Portfolio:** Built a high-performance interactive portfolio using modern web templates and custom animations.

TYPE PERSONAL NAME