

Priyan Shah

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EDUCATION

PURDUE UNIVERSITY

Bachelor of Science in Computer Engineering

West Lafayette, IN
Expected May 2027

Major in Computer Engineering

Cumulative GPA: 3.33/4.0

Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

Hamilton Southeastern High School

High School Honors Diploma; Summa Cum Laude | PLTW Engineering Program, Software Development Graduated Jun 2023

Fishers, IN

EXPERIENCE

Spry Brands Inc.

Anderson, IN

Software and Design Intern

May 2025- August 2025

- Designed and Developed 300+ customer-facing, fully customizable products using XML, PageFlex Studio, and backend programming.
- Streamlined production workflow by using licensed third-party software to automate customization and data imports.
- Collaborated with cross-functional teams to integrate backend systems with the product templates, allowing for seamless and efficient updates.
- Designed and implemented customizable website templates, enabling marketing and sales teams to streamline client outreach and improve lead generation.

PCB Implementation Research and Design

Fishers, IN

Team Member

- Learned and used industry softwares such as KiCAD and Altium in order to start on the basics of PCB Design
- Made use of an organizational database that tracked and coordinated ideas and efforts to further our project design and implementation.
- Started working on implementing PCBs that could be used in the future for the chips that specific chip design teams have created.

UNIVERSITY PROJECTS

Analog Audio Equalizer

Dec 2024

- Designed and implemented a hardware-based audio equalizer using a breadboard, operational amplifiers, and a 555 timer to adjust frequencies.
- Engineered and tested analog signal processing circuits, optimizing for stable audio output; presented working prototype to peers

Lunar Lander Module

April 2025

- Programmed a Verilog simulation to calculate spacecraft altitude, velocity, and fuel levels and dynamically display them
- Successfully integrated hardware and simulation for users to test and experience firsthand

ACTIVITIES

Arhat Touch, Shrimad Rajchandra Mission

Carmel, Indiana
2013 – Present

Head of Events

- Organized food/book drives; coordinated “Thank You” initiatives for First Responders
- Assisted Seniors in Senior Living Facilities and designed activities for special-needs students.

ADDITIONAL

Hardware: Analog Circuit Design, Op-amps, 555 Timers, Breadboarding, Soldering, FPGA

Software: Knowledgeable in Python, Java, HTML, CSS, C, and MATLAB | Tools: CAD, Arduino, Oscilloscope,

Languages: Fluent in English; Conversational Proficiency in Spanish, Hindi, Gujarati

Certifications & Training: 1st Poom Black Belt, Taekwondo, 1st Place, Regional Robotics Competition

Awards: AP Scholar with Honor, High School Summa Cum Laude