

Tanmay Ashay Nerurkar

tanmaynedu@gmail.com | linkedin.com/in/tanmaynerurkar | +1 (419) 486-9036

Engineering Experience

Technical Support Specialist | Toledo, OH

April 2024 – Present

- Delivered comprehensive IT support for over 10,000 users, specializing in Epic EMR, ticket management, and rapid clinical case resolution.
- Collaborated with 30+ teams to resolve critical system issues in under 30 minutes, minimizing disruption to patient care and increasing operational productivity.
- Supported over 12000 windows clients, 700 virtual desktops, and around 1000 mac clients across 2 campuses.

Sophtimize | Mumbai, India

January 2023 – July 2023

- Engineered a Python Application automating content posting across multiple social media platforms, reducing manual effort for creators by 70% and streamlining the content scheduling process.
- Implemented Selenium WebDriver to navigate social media sites, bypassing API limitations.

Additional Experience

Math Tutor, Learning Enhancement Center | Toledo, OH

December 2023 – Present

- Tutored 25+ students per week, improving their understanding of complex mathematical concepts, leading to a 20% average increase in exam scores.

Building Manager, Student Union | Toledo, OH

December 2023 – April 2024

Treasurer of Institute of Electrical and Electronics Engineers at VSIT

January 2022 – July 2023

IEEE Bombay | Mumbai, MH

- Keynote speaker at IEEE VSIT's Git/GitHub event, engaging the entire membership.

Education

Bachelor of Science, Information Technology

The University of Toledo | Toledo, OH

- GPA: 4.00, President's List – Fall 23, Spring 24
- Anticipated Graduation: May 2025

Projects

Home Automation: Arduino/ESP 32 based complete automation with Wi-Fi, remote control and people tracking.

- Successfully integrated a variety of sensors and boards, establishing seamless communication over the I2C protocol.
- Applied iterative design principles, enhancing the project's functionality and user experience.

Designed an infrared-based control module capable of toggling connected appliances using any remote-control device, enhancing convenience and accessibility.

- Designed a compact Printed Circuit Board (PCB), optimizing space and functionality.
- Demonstrated proficiency in sourcing components economically and sustainably, minimizing project costs.

Skills

- Languages: Python, Java, C, C++, HTML, JavaScript, SQL, R
- Skilled in log analysis using SIEM software like Splunk, ensuring comprehensive understanding of system behaviors and security incidents for proactive cybersecurity management.
- Proficient in Arduino, seamlessly integrating it with various microcontrollers and microprocessors.
- Expertise in MS Excel, the use of macros for enhanced productivity and data analysis.

Certifications

Google Cybersecurity Specialization (Coursera)

- Protect networks, devices, people, and data from unauthorized access and cyberattacks using SIEM tools.

International Tutor Training Program Certification (ITTPC): CRLA Level 1

- Completed 10-hour training on tutoring strategies, communication, ethics, and 25+ hours of tutoring experience.

CS50x: Harvard University (Introduction to Computer Science and Programming)