Tanmay Nerurkar

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PROFILE SUMMARY

Motivated IT student with expertise in software development, computer networks, cybersecurity, and technical support. Set to graduate in May 2025 with President's List honors. Proficient in Python and Java with hands-on experience in developing innovative applications and resolving complex system issues. Certified in Google Cybersecurity Specialization and CRLA Level II, with demonstrated success in leading academic and professional projects.

EDUCATION

Bachelor of Science, Information Technology - Cybersecurity | The University of Toledo   (Expected) May 2025
GPA 3.98 | President's List – Fall 23, Spring 24
Relevant Coursework: Computer and Network Security, Web Server Administration, Operating Systems, Database Management Systems, Software Design

CERTIFICATIONS

Google Cybersecurity Specialization (Coursera)
- Gained practical hands-on experience with cybersecurity tools and techniques for threat mitigation and system monitoring.

CRLA Level I & Level II Advanced Tutor (International Tutor Training Program Certification)
- Completed 20+ hours of training on tutoring strategies, communication, and ethics enabling clear explanation of concepts and effective collaboration.

CS50x - Introduction to Computer Science and Programming (Harvard University)
- Developed a strong foundation in computer science and programming fundamentals, applied to projects like app development and process automation.

SKILLS

Programming Languages: Python, Java, HTML/CSS, JavaScript, MySQL, R, C++
Tools/Technologies: MSSQL, SQL Server, SEIM, Azure, Selenium, Arduino, Jupyter Notebook, Git, VS Code, Figma, Microsoft Office Suite
Cybersecurity: Log analysis, system behavior tracking, proactive threat mitigation
Key Strengths: Communication, Team Collaboration, Problem-Solving, Adaptability
Networks: Networking Fundamentals, Network Design and Configuration, Network Security, Cloud Networking

ENGINEERING EXPERIENCE

Technical Support Specialist, University of Toledo | Toledo, OH   April 2024 – Present
- Core member of a team that delivered 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 productivity.
- Supported over 12000 windows clients, 700 virtual desktops, and around 1000 mac clients across 2 campuses.

Math Tutor, University of Toledo | Toledo, OH   December 2023 – Present
- Tutored 25+ students weekly, leveraging learning strategies to enhance comprehension of complex math concepts.
- Achieved a 20% average improvement in student exam scores, demonstrating impactful teaching methodologies.
- Created personalized study plans to address individual student needs, fostering deeper understanding and confidence.

Software Developer Intern, Sophtimize | Mumbai, India   January 2023 – July 2023
- Engineered a Python application automating content posting across multiple platforms and reducing manual effort by 70%
- Designed and implemented Selenium WebDriver to navigate social media sites, bypassing API limitations.
- Streamlined content scheduling processes for creators, improving productivity and consistency.

ADDITIONAL EXPERIENCE

Building Manager of the Student Union, University of Toledo | Toledo, OH   December 2023 – April 2024
- Supervised operations, ensuring safety and efficient event execution for a facility hosting over 50 weekly events.
- Coordinated with event organizers to resolve logistical challenges, improving overall event satisfaction ratings.

PROJECTS

Hospital Data Management System   November 2024
- Developed an integrated healthcare management platform with user-friendly portals for patients and doctors, using JavaScript, HTML and CSS.
- Implemented a secure login system and real-time analytics dashboard, enabling better decision-making for hospital administrators.
- Designed and implemented a robust database architecture using MSSQL, ensuring seamless integration between front-end and back-end systems.

Grade Management Application   April 2024
- Developed a desktop application using Python, SQLite, and Tkinter to streamline grade tracking for educators and students.
- Ensured modular design by employing Object-Oriented Programming concepts, error handling, and encapsulation.
- Delivered an installer script that automated deployment, including database setup and desktop shortcuts.

Home Automation System   July 2019
- Created a complete home automation solution using Arduino and ESP32, with a Wi-Fi enabled app, remote control and people tracking capabilities.
- Integrated diverse sensors and boards, ensuring seamless communication via I2C protocol to enhance home safety and energy efficiency.
- Developed the software using C++ and Arduino frameworks, ensuring robust device control and sensor integration.

VOLUNTEERING

Treasurer, Institute of Electrical and Electronics Engineers at VSIT | Mumbai, India   January 2022 – July 2023
- Managed event budgets and finances with precision, ensuring optimal resource utilization for IEEE activities.
- Delivered an engaging keynote on Git/GitHub to over 100 attendees, breaking down complex concepts through live demonstrations and actionable tips.