

Tims Tittus

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About Me

Computer Science and Engineering student specializing in Cybersecurity (Honours) with a minor in Robotics & Automation. Skilled in **cybersecurity, full-stack development, networking, UI/UX design, web development, and software testing.** Experienced speaker, community leader, collaborator, and event organizer.

Education

B.Tech in Computer Science and Engineering(Cybersecurity), SJCTET, Palai Sept 2023 – May 2027

- GPA: 8.45 (up to S4)

Higher Secondary School Education, St. Mary's Convent School,Alakode June 2021 – March 2023

- GPA: 7.20

Skills

Programming : Python, C, Java ,Shellscript, SQL, HTML/CSS, Javascript, Next.js, TypeScript, React, Vite

Softwares & Tools : Visual Studio Code, MySQL, Git & Github, Figma, Photoshop, Router Configuration, Godot, Unreal Engine

General Skills : Multi Tasking, Time Management, Communication Skills, Teamwork, Leadership, Adaptability, Technical Proficiency, Critical Thinking, Attention to Detail, Decision Making, Community Engagement, Mentoring

Experience

WebMaster, IEEE SB SJCTET April 2025 – Present

- Managing and updating the IEEE SB SJCTET website with timely content and event promotions.
- Designing user-friendly pages to improve member engagement and accessibility.
- Ensuring website security and smooth coordination with the team for all web activities.

MERN Stack Developer, BRIK Community June 2025 – Present

- Building scalable full-stack solutions that directly serve and impact the student community through BRIK's open collaboration model.
- Contributing to real-world community projects using the MERN stack (MongoDB, Express.js, React, Node.js).
- Collaborating in a student-led environment focused on hands-on learning, product building, and peer mentorship.

Mentor, Internship – The Nexus Project (SJCTET Bootcamp) June 2025 – July 2025

- Guided a team of student interns in building a minimal web platform, focusing on UI/UX, frontend, and backend workflows.
- Reviewed student progress, offered technical feedback, provided hands-on mentorship, and helped troubleshoot issues across the development cycle.

Assistant Network Technician, ITTA Cable Network – Pulingome, Kannur Feb 2021 – Aug 2024

- Configured and optimized OLTs, routers, and fiber networks, streamlining operations with automated tools, SQL scripting, and advanced troubleshooting techniques.
- Designed and implemented scalable networking solutions, ensuring seamless client connectivity, minimal downtime, and robust security measures.
- Documented network designs, provided technical training, and collaborated across teams to enhance operational efficiency and knowledge sharing.

Volunteering Experience

College Lead, HackTheBox Kerala SJCTET March 2025 – June 2025

- Leading cybersecurity initiatives and fostering a competitive hacking culture on campus.
- Organizing CTFs, workshops, and hands-on sessions to enhance ethical hacking skills.
- Collaborating with HackTheBox Kerala to promote cybersecurity awareness and engagement.

IPR & Research Lead, Startup Bootcamp SJCET-IEDC

January 2025 – Present

- Leading intellectual property and research activities to support student innovations and startup initiatives.
- Assisting teams in patent drafting, prior art searches, and documentation for technology disclosures.
- Coordinating with Startup Bootcamp SJCET – IEDC to facilitate research guidance, workshops, and IP awareness programs.

Vice-Chairperson, IEEE SIGHT SB SJCET

April 2025 – Present

- Assisting in planning and running community outreach and social impact projects, while promoting IEEE SIGHT initiatives.
- Coordinating with team members and external partners to strengthen collaborations and communication.

Lead, The Nexus Project (Foss Club)

June 2025 – Present

- Contributed to organizing FOSS workshops and events, supporting the club's initiatives.

Graphic Designer, IEEE SB SJCET

May 2024 – March 2025

- Designed and delivered creative visuals for events, enhancing engagement and participation; ensured IEEE branding compliance and timely delivery using Figma, Photoshop, and Illustrator.

Certifications

Programming in C certification from Infosys Springboard)
Software design & Development from Infosys Springboard

certificate
certificate

Achievements

Smart India Hackathon Prelims

- Developed a file carving utility that was able to extract deleted files from most filesystems in a team of four people.
- Developed a simple GUI in PySide6 to simplify the usage of the utility.
- Was awarded 2nd place with a cash prize of 10000 INR.

Top 250 CTF Finalist

- Secured a place among the top 250 teams in a international-level Capture The Flag competition.
- Solved challenges across cryptography, steganography, and web exploitation under time constraints.
- Collaborated with teammates to strategize and efficiently tackle diverse cybersecurity problems.

Projects

HomeChime

github.com

- HomeChime is a browser-based, location-aware web app built with vanilla JS, HTML, Tailwind CSS, and Leaflet.js. It alerts users when they are within 100m of a destination using real-time GPS and the Haversine formula. It accepts a Google Maps live location or a manual address input.

Sjcet Events

github.com

- Contributed a major part to a project that shows all the events in your college, with users able to register and view them.

Steg Tool

github.com

- Steg Tool is a steganography tool that allows you to hide and extract messages within images.

CyberSecurity Resources

github.com

- A curated collection of cybersecurity texts, resources, and learning materials. This repository includes books, articles, research papers, courses, tools, and practical guides to help enhance cybersecurity knowledge.

My Github Profile

github.com

- You can explore all my projects, contributions, and activities on my GitHub profile:
github.com/TimsTittus.