

TOM ISON

Computer Science Student | Web Developer

+91 9427796091

tomison49@gmail.com

<https://www.linkedin.com/in/tom-ison/>

<https://github.com/tomison20>

PROFILE

Computer Science undergraduate with hands-on experience in full-stack development and system design. Skilled in building scalable web applications using the MERN stack, familiar with backend development, REST APIs, and authentication systems, with a focus on improving problem-solving skills and core programming fundamentals.

SKILLS

- **Programming Languages:** Java, C, Python
- **Web Development:** React.js, Node.js, Express.js, HTML, CSS, JavaScript
- **Database Technologies:** MySQL, MongoDB
- **Core Concepts:** Data Structures & Algorithms, OOP, DBMS
- **Tools & Technologies:** Git, GitHub, Figma, Adobe Photoshop, Adobe Illustrator
- **Other:** REST APIs, JWT Authentication

EXPERIENCE

Intern – Nest Digital Academy (Feb 2026)

- Developed and deployed web applications in team and individual settings
- Containerized applications using Docker
- Deployed applications on AWS cloud
- Used Git for version control

Social Media Coordinator – AI Club, AJCE (Feb 2026 – Present)

- Managed social media presence across Instagram and LinkedIn
- Promoted technical events and increased student engagement
- Collaborated in organizing club activities

EDUCATION

B.Tech in Computer Science and Engineering 2023-Present

Amal Jyothi College of Engineering (Autonomous)

CGPA: 8.6

Senior Secondary Education 2021-2023

Kuriakose Elias English Medium School, Kerala

Council for the Indian School Certificate Examinations– 83%

Secondary Education 2020

Seventh Day Adventist Higher Secondary School, Gujarat

Council for the Indian School Certificate Examinations– 91%

PROJECTS

SkillSync – Campus Opportunity & Volunteer Platform **(Jan 2026 – Present)**

Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS

- Built a full-stack platform connecting students with freelancing and volunteer opportunities
- Implemented role-based dashboards with JWT authentication
- Engineered an workflow for posting opportunities and managing applications
- Designed scalable architecture supporting multi-tenant usage

Desktop Music Player (Python) **(Feb 2026)**

Tech Stack: Python

- Developed a desktop music player with modern UI using Python and CustomTkinter
- Integrated VLC engine for playback controls (shuffle, repeat, speed)
- Implemented dynamic music library and real-time search
- Used APIs and metadata extraction for album art and track details

Pet Adoption & Care Center Management System **(Oct 2025 – Nov 2025)**

Tech Stack: PHP, MySQL

- Designed and developed a web-based system to manage pet adoption workflows
- Designed MySQL database for pets, users, and adoption tracking
- Implemented listing, application tracking, and follow-up features

RedCycle – Mars Habitat Recycling Simulator **(Oct 2025)**

- Developed a web-based simulation for waste management in Mars habitats
- Modeled resource trade-offs (energy, water, recycling efficiency)
- Built as part of a 5-member team focusing on sustainability concepts

CERTIFICATIONS & ACHIEVEMENTS

Certifications

- Oracle Cloud Infrastructure 2025 – AI Foundations Associate
- NPTEL – Database Management Systems
- DevOps with AI – NeST Technologies (Industry Immersion Program)
- Gen AI Study Jams – Google Developers Group

Achievements

- Selected for Funding – Innovation Ideas Unleashed (I²U) 2025 for Vyavo, a voice-powered fintech solution for street vendors
- Team Lead – Smart India Hackathon 2025 (Institute Level)