

Harshini Sanjana J

+91 9363635966

[linkedin.com/in/harshini-sanjana-j](https://www.linkedin.com/in/harshini-sanjana-j)

harshinisanjana.github.io/personal-portfolio/

harshinisanjana.j@gmail.com

github.com/harshinisanjana

PROFESSIONAL SUMMARY

Results-driven Software Systems student with strong skills in software development, data structures, and database management. Experienced in full-stack application development and problem-solving with hands-on projects across Python, Java, JavaScript, and MySQL. Skilled in REST API design, version control, and Agile workflows. Actively seeking Software Development Engineer (SDE) internship opportunities to apply engineering principles and build scalable, high-impact systems.

EDUCATION

Coimbatore Institute of Technology, Coimbatore, Tamil Nadu

M.Sc. Software Systems | July 2023 – Present | CGPA: 7.79 (Till 4th Sem)

Sri Chaitanya Techno School, Coimbatore, Tamil Nadu

Higher Secondary Certificate (HSC) | May 2021 – Apr 2023 | 80.2%

Yuvabharathi Public School, Coimbatore, Tamil Nadu

Secondary School Leaving Certificate (SSLC) | 2010 – 2021 | 87.8 %

PROJECTS

DevHive ([Vite+React](#), [Tailwind CSS](#), [Node.js](#), [Express.js](#), [MySQL](#))

- Engineered a full-stack platform for project posting, applications, and real-time status tracking.
- Implemented JWT authentication, role-based access, file uploads, and RESTful APIs.
- Built responsive dashboards using React, Node.js, Express.js, and MySQL.

Menstrual Cycle Tracker ([Python](#), [Flask](#), [MySQL](#), [HTML](#), [CSS](#), [Matplotlib](#), [NumPy](#))

- Built a predictive cycle tracker with secure login, insights, and period estimation.
- Designed dashboards with Matplotlib and optimized queries for personalized tracking.
- Developed using Flask, MySQL, HTML, CSS, NumPy, and Python.

Hospital Patient Management System ([Java](#), [Swing](#), [MySQL](#), [JDBC](#))

- Developed a desktop application for patient registration, doctor allocation, and scheduling.
- Implemented CRUD workflows, searchable medical records, and automated daily reports.
- Built using Java Swing, MySQL, and JDBC with modular OOP design.

SKILLS

- Programming Languages:** Python, Java, C/C++, JavaScript, TypeScript, HTML, CSS
- Frameworks & Libraries:** React, Angular, Node.js, Express.js, Flask, Django, Tailwind CSS, Swing, TensorFlow, Keras, Scikit-learn
- Databases:** MySQL, Oracle DB, MS SQL, MongoDB, JDBC
- Tools & Platforms:** Git, GitHub, VS Code, Jupyter Notebook, Power BI, Linux, Canva, MS Office
- Core Concepts:** OOPs, REST APIs, SDLC, Agile Methodologies, Data Structures & Algorithms, Debugging

LEADERSHIP AND EXPERIENCE

Design & UX Lead, Google Developer Groups On Campus-CIT

Sep 2025 - Present

Associate Director, Student Developers Cell, CIT

May 2025 - Present

Video Editor, The Snippet, CIT

Mar 2025 - Present

Media Production Lead, Student Developers Cell, CIT

Sept 2024 - Apr 2025

CERTIFICATIONS

GenAI Mastery, OpenAI Academy & NxtWave

Introduction to Generative AI, Google

C++ and Java Training Crash Course for Beginners, Udemy

Power BI, OfficeMaster

4-Day Workshop in Linux Command Line, FOSS-CIT

AREA OF INTEREST

- Software Development
- Full Stack Application Development
- Backend Development
- Database Management Systems (DBMS)
- Web Development
- Machine Learning & Deep Learning