

Shashwat Manimaran

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EDUCATION

Vellore Institute of Technology	2023-2028
<i>Integrated MTech, Software Engineering, 9.44 CGPA</i>	
Shrishti Vidyashram, Vellore	2022-2023
<i>12th grade, Computer-Math stream, 92%</i>	
Shrishti Vidyashram, Vellore	2021-2022
<i>10th grade, 92%</i>	

PROFESSIONAL EXPERIENCE

AI & ML Engineering Professional Certificate, Microsoft	Jan 2026 - Current
<ul style="list-style-type: none">Applied machine learning techniques to real-world datasets through preprocessing, model training, evaluation, and deployment on Azure ML	

PROJECTS

- OpenLibrary Test Automation (Katalon) | Jan 26, 2026 – Feb 2, 2026**
Built an automated test suite using Katalon Studio to validate core functionalities of OpenLibrary, including search, UI workflows, and data consistency through web testing
Tech: Katalon Studio, Groovy, Selenium
- ForensicaLite | Jan 9, 2025 – Jan 11, 2025**
Developed a forensic analysis web application with data visualization and evidence management capabilities
Tech: React, TypeScript, Chart.js, Python, YARA
- Tribe (Expense Splitting API) | Jan 7, 2026 – Present**
Built a backend API for expense splitting, designed for integration into shared subscription/service platforms
Tech: Spring Boot, Java, Gradle, Postman
- BlockRegistry | Sep 10, 2025 – Dec 15, 2025**
Developed a blockchain-based land registry system for decentralized property ownership and transfer using Ethereum smart contracts
Tech: React, FastAPI, MongoDB, Ethereum

SKILLS

Programming languages: Python, Java, C++, C, HTML, CSS, Typescript, Solidity, SQL

Frameworks: Azure, Spring Framework, React, Ethereum, MongoDB, PyTorch, FastAPI, Katalon, UFT.

Achievements: Rank holder (CGPA: 9.48) in the department - M.Tech Integrated in Software Engineering, VIT Vellore. Secured 2nd Place - Table Topics Contest (Division Level) - Toastmasters International - District 120, Division D4. Secured 3rd place among 200+ teams in the prestigious state-level Cluster VI South Zone Basketball Tournament.