

# Francis Roger A

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India

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## EDUCATION

### Loyola-ICAM College Of Engineering and Technology (LICET)

Chennai, India

- Candidate for a Bachelor of Engineering degree in Computer Science and Engineering September 2023 - Present
- Relevant Coursework: Java, SQL, Data Structures, Algorithms, Mathematics, IoT CGPA 7.7/10

## SKILLS

**Programming:** Java, SQL, Python, C, C++, Solidity.

**Software:** AWS, Docker, Kubernetes, Postman, Microsoft Excel.

**Languages:** Fluent – English and Native – Tamil

## EXPERIENCE

### Codingrim Solutions

Chennai, India

Web developer

July 2023 – September 2023

- Redesigned client's old website to match the latest UI/UX trends
- Integrated a payment platform and quick edit options
- Created mobile-optimized version of the website, driving a 15% increase in mobile traffic and 15% improvement in user-engagement.

### NuraV Tech

Bangalore, India

Mobile app tester & Database management

June 2023 – August 2023

- Uncovered hidden bugs in mobile apps
- Tested and exploited security loopholes in mobile app
- Managed the extensive data of 1200+ students with automated tasks for instant updates.

## PROJECTS

### Hospital Management System

Developed a ERP like system using Python, SQL and Oracle Apache for patient management, time scheduling for doctors, billing and invoice along with admin panel and login system.

### Tetris Game

Developed a simple tetris game using Java, JavaFX in order to explore the GUI and libraries available in JAVA

## LEADERSHIP

- **Secretary, NSS, LICET** – Organized a blood donation camp for college students, with over 200+ voluntary blood donors and have also organized 10+ social service events.
- **Secretary, Make a Difference Club (Science Club), LICET** – Organized various technical workshops and 5+ Hackathons and other technical competitions.

## ACHIEVEMENTS

### BattleCode 2025, MIT

Cambridge, USA

Participant

January 2025

- Worked with a team of 3 to develop a digital robot using AI concepts and defensive programming in Java.
- One among many teams who gained lot of experience and exposure.

### Ideathon 2024

Taipei, Taiwan

Winner of Good Idea award, Top 0.3%

November 2024

- Worked with a team of 5 to ideate, create and develop a novel AI based product and pitched it to the Ministry of Digital Affairs, Taiwan. Won \$3,020.
- One of the top 30 teams from 3,390 participants

### Pragyan 2024, NIT Trichy

Trichy, India

Runner up

February

2024

- Competed against 300+ participants in a coding competition, where the player controls an army using code to attach the opponent's base (similar to MIT Battle Code).

## INTERESTS AND ACTIVITIES

Soccer ❖ Badminton ❖ Mentoring ❖ Hacking ❖ Gaming ❖ Finance