

PASINDU SADEEP RANDULA

UNDERGRADUATE STUDENT



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[Github](#)



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PROFESSIONAL SUMMARY

Computer Science Student | Informatics Institute of Technology, Sri Lanka

Driven second-year Computer Science student skilled in Java, Python, and C++ with hands-on experience in real-time systems, sustainable tech projects, and user-focused application development. Known for problem-solving and a commitment to creating innovative, efficient solutions. Seeking opportunities to apply and expand my technical skills in impactful projects.

EDUCATION

2023 JAN - 2023 APRIL
HALF FOUNDATION
CERTIFICATE IN HIGHER
EDUCATION

- Introduction to programming - B
- Mathematics for computing - A
- Digital skills - C
- Academic skills - C

2023 SEP - 2027 SEP
BSC (HONS) COMPUTER
SCIENCE

FIRST YEAR

- Computer system fundamental - A
- Mathematics for computing - A
- Software development 1 - C
- Trends in computer - C
- Web design and development - C
- Software development 2 - C

SECOND YEAR

- Database system
- Object oriented programming
- Human Computer Interaction and User Experience
- Software development group project
- Machine learning and data mining
- Client server architectures

WORK EXPIRENCE

IIT GROUP PROJECTS

- **Software development group project - B2B Resource Exchange Platform for circular economy**

Developed a platform using Java, MySQL, Python, and React to facilitate sustainable resource exchange and support circular economy practices.

- **HCI group project - waste management (Eco track app)**

Designed an app that promotes sustainable waste habits through personalized recycling guidance, local disposal info, and gamified challenges, supporting SDG 12 goals.

- **Web design & development project - Good Health and Well Being**

IIT INDIVIDUAL PROJECTS

- **Plane management java project**

Developed a Java-based system for managing plane seat reservations, including booking, cancelling, and viewing available seats.

- **Predict student progression outcomes python project**

Created a Python program to predict university student progression based on academic credits, using input validation and data visualization with histograms.

- **Inky, Pinky, Polly simple python game**

MY OTHER PROJECTS

- **Logging Form using html, css, java script**

- **Burger House - Restaurant web site**

- **Bank Management System using C**

- **Bus Ticket Booking System in java**

SKILLS

- | | |
|---------------|---------------|
| • Java | • Html / CSS |
| • Python | • React |
| • C | • Angular |
| • C++ | • Spring boot |
| • SQL | • Node js |
| • PHP | • R |
| • Java script | |

ACHIVEMENT

- Codersally - Hackathon certificate
- Java (basic) - Hackerank certificate
- Oop in java - Great learning certificate
- Machine learning with python - Linkedin certificate
- Diploma in Advance English British Council Srilanka

EVIDENCE FOR TEAMWORKING / LEADERSHIP SKILLS

- Collaborative Work, B2B Resource Exchange Platform
- Team member - Codersally hackathon

REFERENCES

Ms. Uvini Abeyasinghe
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