

Iynkaran Pavanantham

Software Engineering Undergraduate

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Profile

I'm a determined undergraduate student studying Software Engineering at the Informatics Institute of Technology, Sri Lanka, affiliated with the University of Westminster, UK. I'm passionate about learning new technology and keeping myself up-to-date in this evolving field. I am looking forward to work with professionals, gaining more industry experience and training to become my better version of myself each and everyday.

Technical Skills

- Python
- HTML
- CSS
- JavaScript
- PHP
- MySQL
- Java
- React
- OOP
- Data Structures

Education

2023-2026

INFORMATICS INSTITUTE OF TECHNOLOGY
(UNIVERSITY OF WESTMINSTER)
Software Engineering, in progress.

Year 1 - Passed all modules with 120 credits

- Computer System Fundamentals : **93 marks**
- Mathematics for Computing : **86 marks**
- Software Development 1 (Python) : **77 marks**
- Software Development 2 (Java) : **60 marks**
- Trends in Computer Science : **71 marks**
- Web Design and development : **82 marks**

Year 2 - On going

- Database Systems : **81 marks**
- Object Oriented Programming : **76 marks**
- Software Development Group Project : **Pending**
- Server-Side Web Development : **Pending**
- Software Engineering Principles and Practice : **Pending**
- Algorithms: Theory, Design and Implementation : **Pending**

2018-2022

VAVUNIYA TAMIL MADYA MAHA VIDYALAYAM
G.C.E Advanced Level - 2022

Studied G.C.E Advanced Level in the Physical Science Stream and passed all 3 Subjects. (Combine Mathematics, Chemistry, and Physics)

G.C.E Ordinary Level - 2018

Passed all 9 Subjects at G.C.E Ordinary Levels with the result of 9A.

Tools

- GitHub
- IntelliJ
- MS Office
- Jira
- Canva

Skills

- Communication Skills
- Time Management
- Negotiation
- Problem-solving
- Leadership
- Project Management
- Presentation competency

Interests

- Web Development
- Front-End
- Professional Development
- Networking

Extra-Curricular

- Mozilla Club Member of IIT
- Volunteer for IEEE Student Club Of IIT

ACHIEVEMENTS

- 9A in G.C.E Ordinary Level
- Passed in PET Exam Cambridge

Projects

Software Development Group Project

Informatics Institute of Technology
2024 - Present

Implementing a solution for a current common world problem which is electricity wastage. One of the main places where electricity is wasted is in residential and commercial buildings, with most of it being done due to human malpractices. A Building Management System (BMS) software model called "Flexlight" is introduced. It basically controls electronics devices' state(ON/OFF) in a room. It can be fixed to large scale companies or homes which can't afford smart home systems like alexa, google assistant. By this we can reduce the energy consumption wisely with affordable price.

Software Development 2 (Java)

Did a restaurant customer queue management system by using data structures.

Object Oriented Programming (Java)

Did a online shopping system, products management by using OOP concepts and data structures.

Competitions

Aquathon

Informatics Institute of Technology 2023

Participated in the Aquathon competition organized by the IEEE Student branch and IEEE Computer Society of the Informatics Institute of Technology. We used python to solve the problems.

References

Ms. Delaxshana Manoharan

Founder
Shades IT Solutions

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shana@shadesit.com

Ms. Nethmi Wijesinghe

Assistant Lecturer
Deputy Level Coordinator
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Technology (IIT)

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