

GAPILESH PIRABAHARAN

SOFTWARE ENGINEERING UNDERGRADUATE



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Profile

I'm a driven and passionate Software Engineering undergraduate with hands-on experience in web development and a passion for cyber security. I love exploring new technologies, finding creative solutions, and sitting at tables where people speak about ideas and growth. I'm always eager to learn, take on challenges, and grow as a professional. I look forward to connecting with like-minded individuals and contributing to impactful projects.

Education

Bachelor's Degree (2021 - 2025)

Informatics Institute of Technology (IIT)

Currently doing a BEng (Hons) Software Engineering degree at Informatics Institute of Technology, affiliated with the University of Westminster.

Year 4 - Final Year - (Currently in progress)

- Formal Methods • Concurrent Programming • Cyber Security
- Final Year Research Project • IoT

Year 3 - Industrial Placement Year - 12 Months

WordPress Developer at Creo360

- Hands-on experience on over 25 websites.
- Communication and collaboration with multiple teams.
- Agile workflow with monthly Sprints and standup meetings.
- Optimized website performance and Enhanced User Experience

Year 2 - Passed all 6 modules with 120 credits

- Object Oriented Programming • Server-Side Web Development
- Machine Learning and Data Mining • Database • Algorithms
- Software Development Group Project

Year 1 - Passed all 6 modules with 120 credits

- Computer System Fundamentals • Mathematics for Computing
- Trends in Computer Science • Web Design and development
- Python • Java

Technical Skills

- Linux • Bash • Python • HTML
- CSS • PHP • Java • MySQL
- OOP • JS • Data Science

Tools

- WordPress • Duda • Figma
- MS Office • Adobe • Canva
- Salesforce • Browser Stack
- FTP (FileZilla)

Skills

- Communication
- Team player
- Leadership quality
- Problem-solving
- Adaptability
- Critical thinking

Interests

- Cyber Security
- Web Development
- Full Stack Development

Experience

- **Internship** - WordPress Web Developer (*June 2023 - May 2024*)
- Enrolled in a CPD-certified **Networking and Cyber Security** course organized by the IIT Professional Development Unit. (*August 2024 - Current*)
- Holds **20+ Online Certifications** including LinkedIn Learning.
- **(ISC)2 Candidate** - Self-paced learner for the Certified in Cybersecurity (CC) exam.
- **University Ambassador** for **SDG G17** at IIT (*July 2024 - Current*)
- **Scholar X Mentee** by **SEF** (*June 2023 - December 2023*)
- **Guest Speeches** on Industrial experience and professional development at IIT. (*2023*)
- **Participation in Conferences and Workshops:** Google I/O (*GDG 2023*), Cloud Native Kubernetes (*KDC Sri Lanka 2023*), Salesforce Conference (*YSFO 2023*), Microsoft Students Champs Workshop (*May 2024*), Future Fusion (*AIASEC 2024*), Omnia Digital Conference (*2024*), and Ballerina Workshop (*WSO2 2023*).
- **Competitions:** IEEE Extreme 17.0 (*2023*)

Language

English 
Tamil 

Extra-curricular

Stagecraft (2023, 2024)

Group dancing **finalist** at Stagecraft (*IIT's Biggest Talent show*)

- Team TSK - 5th of March 2024
- Black Squad - 3rd of March 2023

Volunteering

- G17, RHA, ISACA - 2024
- IEEE - 2023
- Rotaract Club of IIT - 2022

Projects

• Final Year Research Project *Informatics Institute of Technology | 2024 - current*

Currently working on my final year research project for my degree program. Project is mainly focused on Cyber Security and Machine Learning Domains.

• Web Development Projects *Freelance | 2023 - current*

Developed, modified and consulted on multiple WordPress websites with Local and International Clients.

• Software Development Group Project *Informatics Institute of Technology | 2022 - 2023*

Developed "**Presence**," a facial recognition-based attendance system with additional features like body temperature, mask detection, and emotion analysis to enhance workplace safety and gauge employee satisfaction using machine learning.

• CodeSprint 7.0 *Informatics Institute of Technology | 2023*

Participated in the CodeSprint 7.0 competition organized by the IEEE Student branch and IEEE Computer Society of the Informatics Institute of Technology with an Idea of facial recognition Attendance System with our Software Development Group Project team.

• Imagine Cup Competition *Informatics Institute of Technology | 2022*

Participated in the Imagine Cup worldwide competition with an Idea of facial recognition Attendance System with our Software Development Group Project Team.

Hobbies

Indoor: LinkedIn Learning
GitHub Projects
Duolingo (*Learning French*)
Computer Games

Outdoor: Dancing
Swimming
Volleyball

References

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