ISHAN PATHIRANA
Software Engineering Internship

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EDUCATION

B(Eng) Software Engineering Degree
London Metropolitan University
2025 - 2026

HND in Software Engineering
Esoft Metro Campus
2023 - 2025

Fullstack Development Course
SKYREK
2025

Microsoft Office Package Full Course
IDM Campus
2017

Vidyaloka College Galle
Advanced Level(2021) - CCS (Maths)
Ordinary Level(2018) - 3A , 3B , 3C

PROGRAMMING SKILLS

- C#
- PHP
- Python
- JavaScript

FRAMEWORKS

- ASP.NET
- React
- Express.js
- Flask

DATABASE

- SQL Server
- Mongo DB

TESTING TOOLS

- Selenium IDE
- Postman
- Swagger UI

PROFILE

I am an undergraduate Software Engineering student currently pursuing a Bachelor's degree after completing an HND in Software Engineering with Merit. I have hands on experience in fullstack web development working with frontend technologies such as HTML, CSS, JavaScript and React as well as backend development using Flask, Node.js concepts and ASP.NET.
Through academic and personal projects, I have contributed to designing, developing, testing and maintaining end to end web applications, including RESTful API integration, database management using SQL Server and MongoDB and responsive UI development. I am familiar with collaborating across the development lifecycle from planning and system design to testing and deployment.

PROJECTS

Final Research Project - AI based hair and scalp recommendation system

- This research is based on the health sector which is generating recommendations for the person's hair and scalp by uploading a scanned scalp image and answering the questionnaire about the lifestyle.
- For this Python is mainly used and html , css and js with Flask framework to connect backend and frontend.
- This is developed using supervised learning and for the algorithm random forest was selected. Mainly, PyTorch was used as the primary machine learning model, and also pandas, NumPy, scikit-learn, and matplotlib were used.
- Before developing this, the project plan, system architecture design, ERD, Class diagram and the Gantt chart was designed.
- For the http request and authentication testing, Postman was used and for the component and UI responsiveness testing, Selenium IDE was used.
- Github : https://github.com/Ishan604/Final_Research_Project_PureScalp.git

StarEvents Ticket Selling System

- In this simply the customers can purchase online tickets for the concerst or shows through the system, managers can manage their events (CRUD) and the admins can manage events and all user details with reports.
- For this mainly used asp.net 8 for the development with the architecture of MVC and Layered. For the frontend we used bootstrap , css , html and js. And for the charts we used Chart.js and for the payment we used STRIP.
- Before developing this, the project plan, system architecture design, ERD, Class diagram and the Gantt chart was designed.
- For the http request and authentication testing, Swagger UI was used and for the component and UI responsiveness testing, C# Test solution was used.
- Github : https://github.com/Chathu234-sys/StarEvents

SOFT SKILLS

- Communication skill
- Time Management
- Problem Solving
- Critical Thinking
- Team Working

DESIGNING SKILLS

- Figma
- Canva

Implemented python based educational council chatbot

- The students manage their eductaional works using this chatbot
- For this Python is mainly used and html , css and js with Flask framework to connect backend and frontend.
- Github : https://github.com/Ishan604/Educational-Chatbot

E-Shift shifting system for a household company

- In this simply the users can reserve shipment and after that admin do their process in the application.
- For this C# (Windows Forms) is mainly used for this and for the database Microsoft SQL server was used.
- Github : https://github.com/Ishan604/E-Shift-Shifting-System

The Crown Stays Hotel Reservation System

- In this simply the customer's can make reservations normally and the admin do thier processes in the system.
- For this html , css (bootstrap) and js used for the frontend and php was used for the all the backend part and also for the database this time phpmyadmin was used.
- Github : https://github.com/Ishan604/Hotel_reservation_system

CERTIFICATIONS AND ACHIEVEMENTS

- Completed C# Foundational Essensial Course of the Microsoft and freecodecamp in August of 2025.
  Certification Link : https://url-shortener.me/4O7O

- Completed My HND with a class of MERIT in February of 2025.

- Became a school prize holder for the subject of Mathematics for being the highest marks for the Mathematics at the year of 2017.

MY PROFILES

- GITHUB : https://github.com/Ishan604

- LINKEDIN : https://www.linkedin.com/in/ishan-pathirana-6a3573333/

- My Portfolio : https://ishan604.github.io/Modern_Portfolio/

REFRESS

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