CHATHUNI PERERA

Intern – Software Engineer

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As an ambitious second-year undergraduate, I am deeply passionate about pursuing a career in the IT industry. With a keen eye for detail and a natural aptitude for problem-solving, leadership skills, and the ability to work effectively both independently and as part of a team I thrive in dynamic and challenging environments. I am adapt at managing multiple tasks and deadlines, ensuring that projects are completed efficiently and to the highest standard.

1. Educations

- **BSc (Hons) Computer Science - Undergraduate (2022 - 2026)**
  University of Westminster affiliated with Informatics Institute of Technology
  2nd Year Module Grades
    - Software Development Group Project - 90%
    - Client Server Architecture - *pending*
    - Object-Oriented Programming - 78.33%
    - Algorithms: Theory, Design, and Implementation – *pending*
    - Database Systems - 82%
    - Information Security Management - 62%

- **IT Diploma - Completed in 2019**
  Esoft Metro Campus Piliyandala

- **St. Joseph's Girls' School Nugegoda - (2007 - 2021)**
  G.C.E Ordinary Level Examination - 2018 – passed.
  G.C.E Advance Level Examination (Commerce) – 2020/21
    - Economics, Accounting, Information Technology - 3C
    - General English - A

2. Project Experience

1. **Portfolio Website -** Developed using React, Tailwind CSS, and JavaScript, highlighting skills in modern web development and responsive design **-** https://chathuniperera.netlify.app/

2. **Flappy Bird Game –** Developed using Java and Swing, showcasing proficiency in object-oriented programming and GUI development.

3. **"Rumble Guard" Elephant detecting system using seismic waves and alerting app to reduce human-elephant conflict (HEC) - Group Project -** https://rumbleguard.com/

   - Developed the front end of the elephant detection page and the back end of the feedback session page for the mobile phone app.
   - Utilized Jira for deploying the implementation and raising issues.
   - Currently involved in writing a research paper based on the project for publication.
   - Created a project proposal for the app and currently working on implementing it in the real world.
   - Designed the UI/UX for the mobile app using Figma. (Link)

   Technologies used: Flutter, NodeJS, MongoDB, Postman, Jira, Figma, Trello, Agile Project Management, Git, Visual Studio Code

4. **"Artify" an Educational Website - Academic Group Project (Team Leader)**

   - Prepared a website about an educational topic, ensuring compliance with Janet regulations on web page publications. This website was made as part of my Web Design and Development module. Led a team in the development of the website.

   Technologies used: HTML, JavaScript, CSS, Git, Visual Studio Code

5. **Theatre Ticket Reservation - Academic Individual Project**
   - Implementing a new Java program to manage and control the seats that have been sold and the seats that are still available for one of the theatre sessions. This website was made as part of my Software Development II module.

   Technologies used: Java, IntelliJ

3. Online Certifications

- **Learning Oracle Database 19c - Link**
- **Java Object Oriented Programming - Link**
- **Project Management Foundations Certification – Link**
- **Agile Foundations - Link**
- **JavaScript Certificate Course – Link**

4. Technical Skills

Languages and Frameworks	Database Systems	Tools and Platforms
- Java	- SQL Workbench	- Jira
- JavaScript	- MySQL	- Microsoft Office
- Python	- MongoDB	- GitHub
- CSS	- Oracle	- Figma
- HTML		- Postman
- Django		- NetBeans
- Flutter		- Intel J
- Node Js		- PyCharm

5. Personal Skills

- Communicative.
- Leadership.
- Creativity & organized.
- Self-confidence & Decision-Making.
- Teamwork.
- Excellent conceptual and analytical skills. Effective interpersonal skills.

6. Extra-Curricular Activities

- IEEE Society - IIT | Membership 2023-present
- Rotaract Club - IIT | Membership 2023-present
- House Games Vice Captain 2020/21 - St. Joseph's Girls' School Nugegoda
- Senior prefect 2020/21 - St. Joseph's Girls' School Nugegoda
- Secretary of ICT club - St. Joseph's Girls' School Nugegoda
- Member of Sinhala and English association-St. Joseph's Girls' School Nugegoda
- Member of Astronomical Association - St. Joseph's Girls' School Nugegoda
- Karate Player 2011/12

7. Languages

- Sinhala (native language)
- English

8. References

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