

PATHUM SANKALPA

SOFTWARE ENGINEERING UNDERGRADUATE

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OBJECTIVE

A 3rd-year Software Engineering undergraduate with a passion for full-stack development and app development. Experienced in building web and mobile applications, working with modern frameworks, and collaborating on team projects. Possesses strong problem-solving skills and adapts quickly to new technologies. Seeking a full-stack developer or app development internship to apply technical skills and gain practical industry experience.

SKILLS AND ABILITIES

- **Programming Languages:** Html, CSS, JavaScript, Dart, Java, C, Python
- **Frameworks & Libraries:** React.js
- **Version control:** Git, GitHub
- **Database Management:** Firebase, MySQL
- **Quality Assurance:** Test case creation, Selenium WebDriver

PROJECTS

- **Smart Inventory Management system (Ongoing)**
Create an inventory management system to streamline operations, reduce costs, and improve decision-making by enhancing item tracking, minimizing errors, preventing stock issues, and providing secure access with alerts.
- **Volunteer Website**
Built a responsive website to manage and promote charity events with user and admin approval features.
- **EDU HUB App**
Created a learning app with student, teacher, and admin modules, Firebase Authentication, class scheduling, and payment pages.
- **Hotel Management System**
Developed a hotel management system with customization features using HTML, CSS, JavaScript and PHP.

EDUCATION

BSc (Hons) Software Engineering

Colombo International Nautical and Engineering College. (CINEC)

Oct 2022 – Present

GPA - 3.5

PUBLICATION & CERTIFICATION

- **“Advanced Eye-Tracking and Depth Perception Algorithms for Glasses Free 3D Viewing”**
Abstract published in the 5th CINEC International Research Symposium and selected for oral presentation
- **“AI-Based Sketch Recognition for Criminal Investigation”**
Abstract published in the 4th CINEC International Research Symposium and selected for poster presentation
- **“AI/ML Engineer - Stage 1”**
Conducted by the Centre for Open and Distance Education, Faculty of Computing, SLIIT

REFERENCE

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