ANNE FERNANDO

SOFTWARE ENGINEERING UNDERGRADUATE

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PROFESSIONAL SUMMARY

A third-year Software Engineering undergraduate with hands-on experience in web and mobile application development. Proficient in frontend technologies (HTML, CSS, JavaScript) and mobile development using Flutter. Skilled in object-oriented programming, database management, and quality assurance. Experienced in team leadership and software development to create functional applications. Continuously learning new technologies and improving coding skills to build user-friendly applications.

EDUCATION

BSc. In Software Engineering (Hons)   **2022 - Present**
CINEC campus (Pvt) Ltd, Malabe, Sri Lanka
Major: Web development | Current GPA: 3.84

Advanced Level - Physical Science   **2018 - 2020**
Rathnawali Balika Vidyalaya, Gampaha, Sri Lanka

SKILLS

- **Frontend**: HTML, CSS, JavaScript
- **Backend**: PHP, Node.js, Express.js
- **Databases**: MySQL, MongoDB, Firebase, SQLite
- **Programming Languages**: Dart, Python, Java, C, C#, SQL
- **Frameworks & Libraries**: React.js, Flutter
- **Tools**: Git, GitHub, VS Code, Android Studio, Postman, XAMPP, Trello
- **UI/UX Design**: Figma, Canva, Basic Photoshop
- **Software Testing**: Selenium WebDriver, JMeter, Junit

PROJECTS EXPERIENCE

- **AI-driven Property Classification System (Ongoing)**

    - Developed a system for property classification and duplicate detection using React.js, PHP, and SQL by reducing manual verification time by 40%, optimizing workflow efficiency.
    - Boosted model accuracy by 85% through 200+ image reviews.

- **Eduwave – Tuition Management App (Ongoing)**

    - Built a Flutter-based system with SQLite to track attendance and payments within 3 months.
    - Increased engagement by achieving 100+ weekly active users through real-time updates and improved accessibility.

- **College Alert Mobile App (Ongoing)**

    - Implemented a notification system using Dart and Firebase under one month.
    - Advanced event notification speed by 50%, reducing delays and enhancing event participation rates.

- **ZenFlow – Mind Relaxation Website**

    - Created an interactive stress-relief platform using HTML, CSS, JavaScript, PHP, and SQL, collaborated with 6 students.
    - Enhanced user relaxation by 75% through engaging activities such as breathing exercises, drawing, writing, music, and games.

- **Hospital Inventory Management System**

- Engineered a React.js and PHP-based system for tracking 500+ medical supplies, , providing real-time inventory visibility for revised management.
- Reduced stockout occurrences and optimized supply chain efficiency by 30% through automated workflows.

- **FindMyLost – Lost & Found System**
  - Produced a 100% Java-based application to streamline the process of reporting and retrieving lost items.
  - Enhanced retrieval success rate by 75% through a structured and efficient search system.

- **HR Management System**
  - Designed a responsive system using PHP, HTML, and CSS for employe authentication under 3 roles: admin, employee and manager, reducing errors by 40%.

PUBLICATIONS

4th CINEC International Research Symposium   **2023**

Safeguarding Vertical Transportation Exploring the Role of Smart Screen Elevator Systems in Panic Situations for Enhanced User Safety and Efficient Emergency Response
- Published an abstract and presented finding through a poster session.