Pramukha Thenuwara

Undergraduate Student

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About Me

I am a third-year Computer Science student at UCSC with a strong passion for utilizing new technologies to address real-world challenges. Alongside my technical pursuits, I am an enthusiastic basketball player, which has enhanced my teamwork, leadership, and strategic thinking skills. My hands-on experience in full-stack development through various projects has equipped me to contribute effectively to build up a productive team. I am a fast learner who stays updated with the latest trends and excels in both collaborative and independent settings.

Education

University of Colombo School of Computing   **May 2022 – Present**
Bachelor of Science, Computer Science

Kularathne College, Ambalangoda   **2006 – 2019**
Combined Mathematics, Physics and ICT

Skills & Interests

Languages and Tools: HTML, CSS, JavaScript, C, C++, Python, Java, PHP, MySQL, PostgreSQL
Frameworks & Libraries: React, Spring Boot, Laravel, Vue
Soft Skills: Leadership, Teamwork, Problem-Solving, Communication
Interests: Software Engineering, Competitive Programming, Full Stack Development, Front-End Development

Projects

- **WeBuild**   **2023 – 2024**
  Tools & Technologies: PHP, MySQL, HTML, CSS, JavaScript, jQuery
  - Features efficient house model choosing and work management.
  - Provides payment services and scheduling.
  - Implements search filters and automated worker allocation.
  - Developed robust backend management and user-friendly interfaces.
  - Enhanced privacy with user access controls and improved construction management.

- **StudyHive**   **2024 – Present**
  Tools & Technologies: Spring Boot, React.js, PostgreSQL, WebRTC, REST APIs
  - StudyHive is a comprehensive platform for collaborative learning.
  - It features advanced search filters and matchmaking algorithms.
  - Users can organize study groups, engage in video calls, and use online chat.
  - The platform also provides a leaderboard to foster competition and track student progress.

- **Library Management System**   **Sept 2023 - Present**
  Tools & Technologies: Vue, Laravel, CSS
  - A web-based application for managing library systems.
  - Integrates staff and members effectively and features role-based authentication and authorization..
  - Supports CRUD operations for various user roles with real-time updates and secure access.
  - Key features include real-time updates, secure access, and role-specific dashboards.
  - Users can reserve books, leave reviews, receive notifications, filter options and post new details.

Honors and Awards

- **OpenHack 2.0 - 6th Place (Team MuggleCoders)**   **Feb 2023**
  Mozilla Campus Club of IIT

Sports Achievements

- **Sri Lanka University Sports Colors (SLUSA)**   **2022**
  Basketball

- **University Sports Colors (UOC)**   **2022, 2023**
  Basketball

- **Best Player Award (UOC)**   **2023**
  Basketball

Volunteering and Positions of Responsibility

- **Vice Captain (UOC)**   **2024**
  Basketball

- **Member of Amalgamated Club**   **2024**

References

Ms A. Lakshika Nanayakkara
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