YOHAN VISHVAJITH

SOFTWARE ENGINEER

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Profile Summery

Enthusiastic Software Engineer Intern with a strong foundation in software development and a passion for building innovative solutions. Experienced in full-stack development, cloud deployment, and IoT-based projects. Skilled in agile team environments, effective problem-solving, and delivering high-quality results. Committed to continuous learning and contributing meaningfully to impactful projects. Seeking to join a dynamic team where creativity and collaboration drive success.

Core Competencies

• **React.js** • **Angular** • **JavaScript, TypeScript** • **NextJS** • **WordPress** • **Node.js**	• **MySQL, Firebase** • **REST APIs, GraphQL** • **cPanel, MS Azure** • **Railway, GitHub Page** • **Git, Docker, CI/CD**	• **Security** • **Debugging** • **AI & ML** • **Agile, Jira** • **UI/UX, Figma** • **SEO**

Projects

- **SriindiE-CommerceOnlineStore**
  Laravel, MySQL, Blade, Chart.js, Livewire, Bootstrap
  Developed a essential-featured e-commerce platform with an admin dashboard for efficient store management. Key features include product management (CRUD operations), financial reporting with data visualization using Chart.js, purchase tracking, and admin account management. Implemented responsive UI using Blade engine and Bootstrap and ensured dynamic interactivity with Livewire components. Link

- **Car Rent Management System**
  Laravel, Bootstrap, Stripe, Filament, Laravel Telescope
  Built a car rental management platform with complete CRUD functionality for cars and a financial module to manage rental transactions. Integrated Stripe for secure online payments. Utilized Laravel Filament for modern admin interfaces and Laravel Telescope for debugging and performance monitoring. Designed a responsive frontend using Bootstrap for optimal user experience.link

- **Actor Recommendation System**
  spaCy, TF-IDF, Cosine Similarity, JSON
  Developed a recommendation system that suggests actors based on natural language character descriptions. Utilized spaCy for Natural Language Processing (NLP) to extract key features such as age, gender, traits, and past roles from user input. Employed TF-IDF vectorization and cosine similarity to match character descriptions with actor profiles. The actor profiles are stored in a customizable JSON format, allowing for easy updates and additions to the data.link

- **Paddy and Rice Tracking System**
  Ethereum Smart Contracts, Remix IDE, MetaMask, Web3.js
  Developed a blockchain-based tracking system for paddy and rice using Ethereum smart contracts. Leveraged Remix IDE for smart contract development and MetaMask for wallet integration. Utilized Web3.js to enable interaction with the Ethereum test network, ensuring secure and transparent tracking of the paddy and rice supply chain link

- **Automated Elastic Cutting Machine**
  NodeMCU, IR Sensor, DHT Sensor, Firebase, Web Dashboard
  Designed and implemented an IoT-based monitoring system for an elastic cutting machine using NodeMCU. The system measures temperature and humidity with a DHT sensor and

counts elastic cuts using an IR sensor. Data is stored in Firebase Realtime Database and visualized through a web-based dashboard for real-time monitoring and historical analysis. link

- **BidZone – Online Auction Platform**
  Java, Spring, Hibernate, Bootstrap, JavaScript, Java Threads, Networking
  Developed a secure and scalable online auction system enabling real-time item bidding, auction management, and user authentication. Implemented features such as item listing with image uploads, live bid updates, and role-based access control for admins. Utilized Spring for backend infrastructure, Hibernate for ORM, and Bootstrap/JavaScript for responsive UI. Integrated Java networking and multithreading to support live chat functionality between users during auctions. link

Education

- **BICT(Hons)** Feb 2021 - Present
  University of Ruhuna, Matara, Sri Lanka

Certificates

- Postman Certified Cloud Practitioner Mar 2023
  Credential ID: link

Reference

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