PASINDU BALASURIYA

Phone: +94716314505 | **Email:**pasindubhasurabala@gmail.com | **GitHub:** pasindu2001-SW
LinkedIn: pasindu-balasuriya

PROFILE

Motivated Software Engineering undergraduate specializing in full-stack development (React, Node.js, Express, MongoDB). Experienced in building scalable web applications, APIs, and real-time features. Passionate about clean architecture, problem-solving, and delivering production-ready solutions. Seeking a Full-Stack Developer Internship to apply and grow technical skills.

EDUCATION

SLTC Research University   Mar 2022 – Present (Expected 2026)
BSc (Hons) in Software Engineering
- **Concentration:** Full-Stack Development and Artificial Intelligence.
- **Related Coursework:** Data Structures and Algorithms, Web Application Development, Software Engineering, Machine Learning, Artificial Intelligence, Deep Learning, Cloud Computing, Software Architecture, Project Management, Discrete Mathematics.

PROJECTS

Product Store — MERN Stack
- Built a full-stack product store using React, Node.js, Express, MongoDB, and Chakra UI.
- Developed a REST API, implemented a responsive UI with dark/light mode, and added robust error handling.
- Enabled product management features, including image upload, add-to-cart, update, and delete operations.

Netflix Clone — React.js, Firebase, TMDB API
- Built a responsive Netflix-style UI using React.js and TMDB API for real-time movie data.
- Implemented Firebase Authentication and Firestore for backend functionality.
- Designed reusable components and optimized overall UI/UX.
- Real-time movie categories from the TMDB API, YouTube trailer playback integration,

PredictiveHR — HR Churn Prediction System (Group Project)
- Developed an end-to-end employee churn prediction platform featuring a React + Tailwind dashboard, Fast API backend with PostgreSQL for persistence.
- A logistic regression model for resignation probability; supports multi-factor analysis (job role, distance from home, remote status, promotions, monthly income, etc.) and scalable RESTful APIs.

To-Do App — Express.js, MongoDB, EJS
- Built a full-stack product store using React, Node.js, Express, MongoDB, and Chakra UI. Developed a REST API, implemented a responsive dark/light UI, and added product management features, including image upload, add-to-cart, update, and delete operations.

SKILLS

Frontend: React.js, JavaScript (ES6+), HTML/CSS	**Backend:** Node.js, Express.js, REST APIs
Database: MongoDB	**Mobile:** Flutter
AI/ML: Python, OpenCV	**Tools:** Git/GitHub, Postman, npm

CERTIFICATIONS & COURSES

MERN Stack: All You Need to Know with Practical Project — Udemy (In Progress)
- Gaining hands-on experience with Node.js, Express, MongoDB, React, and RESTful API integration.