CHANKAMA GUNASEKARA

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SUMMARY

Motivated and aspiring information technology student with a strong foundation in computer science concepts and programming languages. Eager to apply theoretical knowledge to practical projects and gain hands-on experience in software development. Possesses excellent problem-solving skills, a keen eye for detail, and a collaborative attitude towards team projects.

PROJECTS

AI/ML base expense tracker web application - Project Manager and Developer   **Mar 2025 - Present**
- **Led MERN Stack Development:** Managing and developing an AI-powered expense tracking system with CRUD operations using MongoDB, Express.js, React,tailwind and Node.js.
- **Agile Project Management:** Utilizing Azure DevOps Board for tracking tasks, managing sprints, and conducting daily stand-ups to ensure efficient progress.
- **AI & API Integration:** Implementing OpenAI API for intelligent financial insights and Speech-to-Text API for voice-based expense entry.
- **Expense Automation:** Using machine learning algorithms to automate expense categorization and generate spending trends.

Next.js E-Commerce Platform - Full-Stack Developer   **Jan 2025 - Present**
- **Led Next.js Development:** Building a scalable and high-performance e-commerce platform using Next.js.
- **Authentication & User Management:** Implementing Clerk for secure authentication and user role management.
- **Optimised Media Handling:** Integrating Cloudinary for efficient image storage and delivery.
- **Order & Payment Processing**: Developing dynamic product management, order processing, and payment gateway integration for seamless transactions.
- **Technologies Used:** Next.js, MongoDB, Cloudinary, Clerk, Tailwind CSS, Node.js, Express.js

Personal Portfolio Website – Frontend Developer   **Dec 2024**
- Developed a responsive portfolio using HTML, CSS, JavaScript, and Tailwind CSS to showcase skills and projects.
- Integrated a ChatGPT-based chatbot using OpenAI for personalised interaction.
- Optimised for SEO with proper meta tags, structured data, and performance enhancements to improve search rankings.

Indoor Plant Management System – Project Manager & Developer   **Aug 2024 - Nov 2024**
- **Led Financial Management Module:** Developed the finance system to handle EPF, ETF, tax calculations, and payroll based on employee attendance.
- **Attendance & Work Hour Tracking:** Integrated employee sign-in/sign-out system to calculate working hours, leaves, overtime (OT), late arrivals, and early checkouts.
- **Automated Email Notifications:** Implemented Nodemailer to auto-send daily and monthly attendance reports, including check-in/out times, working hours, and OT details.
- **Agile Project Management:** Used JIRA for sprint planning, tracking progress, and managing tasks efficiently.
- **Technologies Used:** MongoDB, Express.js, React, Node.js, Nodemailer, JIRA.

Indoor Plant Management System – Full-Stack Developer   **Jul 2024**
- **Scalable Food Delivery Platform:** Built a MERN-based web app for restaurant listings and order management with Real time Order Tracking.
- **Secure Payments:** Integrated Stripe API for fast, secure transactions.
- **Authentication & Roles:** Implemented JWT for customer, restaurant, and admin access control.
- **Technologies Used:** MongoDB, Express.js, React, Node.js, Stripe API, JWT, CSS.

Web based Online Vehicle Rental System, Developer   **Feb 2024 - Jun 2024**
- Created a web-based system for vehicle rentals, handling customer management and booking functionalities.
- **OOP & MVC Architecture:** Applied Object-Oriented Programming and MVC architecture for a structured and scalable solution.
- **Technologies Used:** Built with JavaScript, HTML, Bootstrap, MySQL, and Java to ensure efficient performance and user experience.

EDUCATION

Sri Lanka Institute of Information and Technology (SLIIT)   **2023 - 2026**
Bsc in Information Technology
- GPA 2.9

Alison   **Dec 2024**
Certificate in SAP Fundamentals
- Total Marks 86

National Institute of Bussiness Management (NIBM)   **Mar 2022 - Aug 2022**
Certificate in Computer Science
- Overall Marks 74

Nalanda College, Colombo   **2008 - 2021**

VOLUNTEERING
- Young Leader (Colombo District) of National Anti drug Front

SKILLS
- **Web Technologies / Languages :** MERN stack, React JS, Next JS, Tailwind CSS, Boostrap, JavaScript, Java, CSS, HTML, C, C++, Kotlin, Node JS, Python, PHP
- **Project Management Tools :** JIRA, Trello, Azure Board, Agile Development methods
- **UI/UX Tools :** Canva, Figma, Material UI, shadcn UI
- **Collaboration :** Github, Git, Github Actions, CI/CD
- Time Management, Effective Communication, Critical Thinking, Teamwork, Attention to Details