Tanuri Mandini

B.Sc in Computer Science Undergraduate

University of Colombo School Of Computing

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Profile

Computer Science undergraduate with hands-on experience in full-stack web development and technologies. Skilled in building responsive web apps, integrating APIs, and working in team-based projects. With a strong academic foundation in computing principles and practical experience from university projects, I am eager to apply my skills in a real-world software engineering environment. Passionate about continuous learning, problem-solving, and contributing to impactful development teams.

Education

University of Colombo School of Computing *Colombo, Sri Lanka*

B.Sc in Computer Science *May 2023 - Present*

- Current GPA: 3.26/4.0
- **Courses:** Software Engineering, Data Structures and Algorithms, Database Management Systems, Object Oriented Programming, Rapid Application Development, Middleware Architecture, Mathematical Methods, Operating Systems, Software Quality Assurance, Information System Security

St. Mary's Convent *Matara, Sri Lanka*

School *Jan 2008 - Feb 2022*

- GCE Advanced Level – Physical Science Stream: Achieved grades A, A, B; Z-score: 1.6750; District Rank: 158
- GCE Ordinary Level - 8 A's including Mathematics , Science and English, 1 B

Projects

WE4U

Elder Care System (GitHub) *May 2024 – April 2025*

- A web-based platform to enhance elderly care in Sri Lanka by connecting careseekers, caregivers, and consultants under a unified system. (2nd year group project)
- **Technologies –** PHP (no framework), MySQL, XAMPP, HTML, CSS, JavaScript, Stripe, MVC, PHPMailer
- **Contribution –** Requirement gathering, analysis and design. Developed major frontend components. Implemented role functionalities for caregivers, integrated payment gateway (Stripe), and contributed to backend logic related to caregiver operations.

MovieFlix

Modern Movie Browsing Web App (GitHub) *May 2025*

- A responsive movie browsing application that fetches real-time movie data from TMDb, allowing users to explore popular titles, view detailed information, and manage a list of favorites. (Personal learning project)
- **Technologies –** React JS, CSS, TMDb API
- **Contribution –** Sole developer. Designed and implemented the entire frontend using React. Integrated TMDb API to fetch movie data. Built features including genre filtering, light/dark mode toggle, detailed movie views, and responsive design.

MediMeet

Full Stack Doctor Appointment Booking System (GitHub) *February 2025 – Ongoing*

- Full-stack doctor appointment booking platform with Patient, Doctor, and Admin roles; includes appointment scheduling, online payments, and dashboards.(Personal learning project)
- **Technologies –** React.js, Node.js, Express.js, MongoDB, JWT, Stripe, Cloudinary
- **Contribution –** Sole developer. Implemented complete authentication using JWT for patients, doctors, and admin. Designed responsive dashboards for all roles and handled role-based access control, profile management, and appointment management features.

PillPath

Smart Pharmacy Connection Platform (Frontend) (Backend) *June 2025 – Ongoing*

- Web-based platform to connect patients with nearby pharmacies for prescription uploads, OTC purchases, and medication management. (3rd year group project)
- **Technologies –** React.js, Tailwind CSS, Spring Boot, PostgreSQL, Leaflet Maps, Recharts, Stripe, Cloudinary
- **Contribution –** Developed frontend interfaces for the system admin panel and parts of the homepage. Set up the frontend folder structure. Currently working on backend functionalities for the admin panel using Spring Boot.

ExpenseEase

MERN Stack Expense Tracker (GitHub)   *June 2025*

- Expense management web app with authentication, dashboards, CRUD operations, and financial visualizations.(Personal learning project)
- **Technologies –** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Recharts
- **Contribution –** Sole developer. Implemented user authentication using JWT, interactive dashboard with income/expense summaries, CRUD operations for transactions, Excel export feature, and data visualizations using Recharts. Built responsive UI and structured full-stack architecture.

QuizApp

Backend Quiz Application (GitHub)   *August 2025*

- RESTful API application for quiz management with CRUD, category/difficulty filtering, and automated scoring.(Personal learning project)
- **Technologies –** Java, Spring Boot, PostgreSQL, REST API
- **Contribution –** Sole developer. Designed and implemented RESTful endpoints for quiz management. Built CRUD functionality for questions, category filtering, and difficulty levels. Implemented quiz creation, submission, and scoring logic.

Skills

Programming	C, PHP, Java, JavaScript
Front End Development	React, Tailwind CSS, HTML, CSS
Back End Development	Node.js, Express.js, Spring Boot
Database	MySQL, MongoDB, PostgreSQL
Tools	Git, GitHub, Postman, Figma
Soft Skills	Adaptability, Analytical Skills, Leadership, Creative Problem-Solving, Active Listening, Teamwork
Interests	Singing, Dancing, Reading, Volunteering

Courses & Certifications

2024	**University of Moratuwa**, **Web Design for Beginners**	(Certificate)
2024	**Amazon Web Services (AWS)**, **AWS Educate Introduction to Cloud 101**	(Badge)
2024	**HackerRank**, **SQL(Basic)**	(Certificate)
2025	**LinkedIn**, **Building RESTful APIs with Node.js and Express**	(Certificate)
2025	**LinkedIn**, **Prompt Engineering: How to Talk to the AIs**	(Certificate)
2025	**LinkedIn**, **React Essential Training**	(Certificate)
2025	**Simplilearn**, **Git Training**	(Certificate)
2025	**Amigoscode**, **Spring Boot for Beginners**	(Certificate)
2025	**Sololearn**, **Prompt Engineering**	(Certificate)
2025	**University of Moratuwa**, **Python for Beginners**	(Certificate)
2025	**Google Cloud Skills Boost**, **Introduction to Generative AI**	(Badge)

Hackathon Participation

2024	**ReidXtream**, **University of Colombo School of Computing**	(participant)
2025	**Idealize**, **University of Moratuwa**	(participant)

Volunteering

Pahasara Media Club of UCSC (2023-Present):   Member
ACM Student Chapter - UCSC (2023-Present):   Member

References

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