DILUSHA CHANDRASIRI

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/dilusha-chandrasiri/   dilusha-c.vercel.app   github.com/TenathDilusha

ABOUT ME

Motivated Computer Science & Engineering undergraduate at the University of Moratuwa with a strong interest in software development, data science, and AI. Passionate about building real-world applications, learning new technologies, and contributing to impactful projects through teamwork and problem-solving

PROJECTS

Clinic Appointment & Treatment Management System (CATMS)
- Designed and developed a full-stack clinic management system supporting multi-branch operations
- Features include appointment scheduling, treatment records, billing, and insurance handling
- Technologies: Next.js, React, PostgreSQL, REST APIs

Cryptocurrency Converter
- Built a Node.js application to convert between fiat currencies and cryptocurrencies
- Integrated live exchange rate APIs for real-time and accurate conversions
- Technologies: JavaScript, Node.js, External APIs

Password Manager
- Developed a lightweight desktop password manager with a Tkinter-based UI
- Implemented secure password generation and local file storage for credentials

EDUCATION

2023 – PRESENT
University of Moratuwa

BSc (Hons) in Computer Science & Engineering

2019 – 2023
Maliyadeva College

- GCE A/Ls - 3 As
- Z-Score: 2.4649
- District Rank: 20
- Island Rank: 266

2014 – 2019
Wayamba Royal College

GCE O/Ls - 9As

TECHNICAL SKILLS

- **Programming Languages:**
  Python, Java, C++, JavaScript

- **Web & App Development:**
  HTML, CSS, React, Node.js, Next.js, REST APIs

- **Databases & Tools:**
  PostgreSQL, SQLite, Git, VS Code

- **Other Areas:**
  Data Structures & Algorithms, OOP, API Design

AWARDS AND HONOURS

2025
ENIGMA
- Finalist in inter-university competitive programming competition

2025
SLIITxtream
- Finalist in inter-university competitive programming competition

2025
IEEExtream
- Participated in global 24-hour competitive programming contest organized by IEEE

2024
University colours
- Awarded by the University of Moratuwa for outstanding performance in inter-university chess competitions

EXTRA-CURRICULAR ACTIVITIES

2026
SLIoT Challenge
- Program Committee Member
  National-level Internet of Things competition

2025
IEEE Open Week
- Volunteer
  Student Branch, University of Moratuwa

2025
MERCon
- Volunteer
  IEEE International Conference on Moratuwa Engineering Research Conference

2025
Octwave 2.0
- Volunteer
  IEEE Student Branch event focused on innovation and technology

2025
Mora kings
International Chess
Championship
- Organizing Committee
  International chess tournament hosted by the University of Moratuwa

CLUBS & SOCIETIES

- **Chess Club Member**
  University of Moratuwa

- **Committee Member – Professional Events Committee**
  Computer Science & Engineering Student Society (CSESS)

- **Member**
  IEEE Student Branch, University of Moratuwa

CERTIFICATIONS

- **Postman API Fundamentals Student Expert Certification**
  Postman

- **100 Days of Code: The Complete Python Pro Bootcamp**
  Angela Yu (Udemy)

- **The Complete Web Development Bootcamp**
  Angela Yu (Udemy)