GAYANI MADHUBHASHINI

SOFTWARE ENGINEER INTERN

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ABOUT ME

An enthusiastic undergraduate eager to learn and grow in the field of software engineering. I enjoy solving challenges, gaining new experiences, and working with others to achieve goals. I am seeking a software engineering internship where I can contribute effectively, build my skills, and gain valuable industry experience while making a positive impact.

EDUCATION

2023 - 2027	B.sc.(Hons) in Information Technology
University of Moratuwa	CGPA : 3.52(Dean's list in L1S2 Semester)
2016 - 2020	GCE Advanced Level - 2021 -Physical Stream
Central College, Piliyandala	Combined Maths - A , Chemistry - A , Physics - A
	Z-Score - 2.05

TECHNICAL SKILLS

- **Programming Languages :-** Java , JavaScript , Python , TypeScript , C
- **Front-End Development :-** React , Next.js , Tailwind CSS , HTML
- **Back-End Development :-** SpringBoot , ExpressJS , NodeJS
- **DataBase :-** PostgreSQL , MongoDB , MySQL , FireBase
- **Tools :-** Git , ClickUp

PROJECTS

Garage 24 - Level 2 Software Project(2025)
Garage management system that users can track their vehicle services progress with manages garage side operations smoothly.
- Technologies : React, Node Js, Express Js, MongoDB, Stripe
- Role : Full Stack Developer
- Key responsibilities :-
- User management features on both frontend and backend, enabling smooth profile handling and multiple appointment bookings without conflict.
- Real-time vehicle progress tracking using backend APIs and frontend integration.
- Optimized MongoDB queries, schema design, and API responses for better performance.

Github Link

Accessable - Innovate with ballerina competition (2025)
Developed a system helps people with disabilities find accessible places when travelling and connect suitable caregivers. Caregivers can also find and connect with people who need assistance.
 - Technologies : React, Ballerina, Cloudinary, MongoDB
 - Role : Frontend Developer
 - Key responsibilities :-
  - Implemented role-based access for Disabled, Caregiver, and Admin users
  - Connected frontend with REST APIs for authentication, place listings, reviews, and matching

Github Link

FinTrack - Individual Project (2025)
Developed a personal finance tracker with secure JWT-based authentication and authorization. Implemented real-time visual reports using charts and tables to analyze spending patterns. Optimized backend for efficient data handling and responsive performance.
- Technologies : React, Node Js, Express Js, PostgreSQL

Github Link

Tic-Tac Toe - Level 1 hardware Project (2024)
A modern, sensor-based Tic-Tac-Toe game designed to enhance the traditional game with interactive LED display, different game modes and real-time features.
Implemented score tracking system with Firebase Realtime Database, updating and storing high scores dynamically.
 - Technologies : Firebase,Arduino ,ESP 32

HACKETHON PARTICIPATIONS

- **CodeRally 6.0 - Finalist** (2025, Organized by IEEE student branch, IIT)
- **MoraXreme 9.0** (2024, Organized by Faculty of IT, University of Moratuwa)
- **CodeRush** (2025, Organized by IEEE student branch, University of Moratuwa)
- **MoraXreme 10.0** (2025,Organized by IEEE student branch, University of Moratuwa)
- **JpuraXreme 2.0** (2025, Organized by IEEE student branch, University of Sri Jayawardanapura)

VOLUNTEERING & LEADERSHIP

- **Program & Event Committee Member 2024/25 -** IEEE WIE Student Branch Affinity Group University of Moratuwa
- **Nurturenook 2.0 -** Finance Lead
- **MoraForesight 2.0 -** Organizing Committee
- **Futoro 3.0 -** Organizing Committee
- **Manusath Handa -** Organizing Committee

REFERENCES

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