GAYANI MADHUBHASHINI

SOFTWARE ENGINEER - INTERN

CONTACT

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PROFILES

- in linkedin.com/in/gayani
- ⊙ github.com/Gayani2002
- 🌐 gayanimadhubhashini-portfolio
- H hackerrank.com/profile/madhbha
- M medium.com/gayanimadhubhashini

SKILLS

Programming Languages

- Java
- JavaScript
- Python
- TypeScript
- C

Front-End Development

- React
- Next.js
- CSS
- Tailwind CSS
- HTML

Back-End Development

- Express Js
- Node Js
- SpringBoot

DataBase

- Mongo DB
- PostgreSQL
- MySQL
- FireBase

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

- **University of Moratuwa** (2023 - 2027)
  B.sc.(Hons) in Information Technology
  - CGPA : 3.51 (Dean's list in L1S2 Semester)

- **Central College, Piliyandala** (2012 - 2021)
  GCE Advanced Level - 2021 - Physical Stream
  - Combined Maths - A , Chemistry - A , Physics - A
  - Z-Score - 2.05

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.

  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 to keep users updated.
  - Improved performance with optimized MongoDB queries, schema design, and API response handling.

  - Technologies : React, Node Js, Express Js, MongoDB, Stripe
  - Role : Full Stack Developer

  [Github Link ↗](#)

Version Control

- Git

Project Management Tools

- ClickUp

Soft Skills

- Analytical Thinking
- Problem Solving
- Time Management
- Effective Communication
- Collaborative work

HACKETHON PARTICIPATIONS

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

REFERENCES

W.M.R.M Wijesuriya
Lecturer
University of Moratuwa
Phone : 0719882759
Email : Wijesuriyar@uom.lk

Harith Priyantha Hadaragama
Software Engineer
app360pvt.ltd
Phone : 0715848964

- **FinTrack** - Individual Project (2025)
  - Developed system that user can tracks income and expenses.
  - Implemented user authentication and authorization with JWT for secure access to personal financial data.
  - Created real-time visual reports with charts and tables to analyze spending patterns and budgeting performance.
  - Technologies : React, Node Js, Express Js, PostgreSQL

  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.

  Key responsibilities :-

  - Implemented role-based profiles (Disabled, Caregiver, Admin) with smooth navigation
  - Integrated REST APIs to handle authentication, places, reviews, and caregiver–disabled matching.
  - Technologies : React, Ballerina, Cloudinary, MongoDB
  - Role : Frontend Developer

  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 : Arduino ,ESP 32, Firebase

VOLUNTEERING & LEADERSHIP

- **Program & Event Committee Member 2024/25**
  (IEEE WIE Student Branch Affinity Group University of Moratuwa)
- **MoraForesight 2.0 - Organizing Committe**
  (Organized by IEEE University of Moratuwa)
- **Futoro 3.0 - Organizing Committee(Finance Lead)**
  (Organized by IEEE WIE Student Branch)
- **Nurturenook 2.0 - Organizing Committe**
  (Finance Lead, Organized by IEEE WIE Student Branch)