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## Skills

### TECHNICAL SKILLS

#### Programming

- Java
- Python
- C , C++

#### Web development

- React Js
- React Native
- Node Js
- Express JS
- Javascript
- HTML
- Bootstrap
- CSS , TailwindCSS

#### Database

- MongoDB
- MySQL
- PostgreSQL

#### UI/UX Design

- figma

#### Version Control

- Git (GitHub)

#### IDEs

- VS Code
- Code Blocks
- Arduino IDE

# BUMUTHU CHAMOD

Software Engineer Intern

## About Me

A passionate and skilled undergraduate who is committed to working smart to achieve goals and willing to take on any challenge. I am passionate about full-stack development, committed to addressing challenges with a proactive, solutions-oriented approach, and possess strong teamwork skills to contribute effectively in collaborative environments. Currently, I am seeking an opportunity as a Software Engineer Intern to apply my skills, gain industry experience, and contribute to impactful projects.

## Education



UNIVERSITY OF MORATUWA

B.Sc. (Hons) in Information Technology  
2023 - Present  
3rd-year undergraduate  
GPA :- 3.32



H/ RUHUNU VIJAYABA COLLEGE

GCE Advanced Level in science Stream(2022)

- Biology -A
- Physics -B
- Chemistry -B
- Z Score - 1.7378

GCE Ordinary Level 7 A Passes and double B Passes(2017)

## Projects

### Hybrid Workplace Management System Collaborated with Wiley Global Technology (2024-2025)

2<sup>nd</sup>-year software project (team)

Description:

- Developed a smart workplace management platform enabling employees to reserve seats and parking spaces in real time, with interactive dashboards and an admin portal for efficient monitoring and control.

My Role: Solution Designer, ui/ux Designer, Full-Stack Developer

Responsibilities:

- Develop all the actions related to vehicle parking reservations from both a user and an admin perspective.
- Built vehicle parking booking module with real-time availability (using web sockets).
- Developed a parking history page allowing users to view, edit (future bookings), and delete reservations.
- Created an admin parking management panel with advanced filtering, search, slot addition, and deletion features.
- Designed and implemented supporting pages including About Us and other UI components.

Technologies Used: ReactJS, NodeJS+Express, MongoDB

GitHub Repository Links: [frontend](#) [Backend](#)

### Bayhill Renters-SL (Ongoing)

#### Client Project (Individual)

Description:

- Mobile app and Web app which manages vehicles for Bayhill Renters-SL, Includes real-time vehicle availability, secure bookings, and payment integration.

Responsibilities:

- Conducted requirement gathering and designed the solution architecture aligned with business needs.
- Designed UI/UX
- Integrated a payment gateway to handle upfront booking payments securely.

Other tools

- Blender
- Canva
- Lucidchart

SOFT SKILLS

- Communication
- Excellent Collaborate
- Leadership
- Presentation Skills
- Critical Thinking
- Problem Solving

References

Mr. Yasoma Jayasinghe

Principal, Software Engineer  
Wiley Global Technology (P)Ltd  
Level 31, MAGA ONE Building  
200, Nawala Road, Narahenpita.  
Sri Lanka.

+94 773337377  
yjayasingh@wiley.com

Ms. Roshani Wijesuriya

Lecturer, University of  
Moratuwa  
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Phone: +94 71 988 2759

- Implemented backend services for users and admins with real-time updates on vehicle availability.
- Developed admin features for managing vehicle listings, rental details, and customer bookings.
- Built user-side features for browsing, filtering, and booking vehicles.

Technologies Used: React,React Native,Expo, NodeJS + Express, MongoDB

GitHub Repository Links: [Backend](#)

Travel Website (2024)

Individual Project

Description:

- Developed a user-friendly travel website frontend with engaging animations and modern UI design, aimed at enhancing user experience and visual appeal.

My Role: UI/UX Designer, Frontend Developer  
Technologies Used: React ,SCSS,CSS

GitHub Repository Links: [View repo](#) [view Linkedin post](#)

Power Measuring Device System (2023-2024)

1 st year hardware project (team)

Description:

- Tackled the common problem of consumers lacking awareness about their electricity consumption. The system helps users monitor and optimize usage by offering detailed insights into the power consumption of individual devices

Role: Team Leader, IoT Developer, 3D designer,Backend Developer

Micro-controller: ESP32    Sensors Used: PZEM004T  
Technologies for Microcontroller programming: c++  
Technologies for website: HTML, CSS and JavaScript ,Firebase

GitHub Repository Link- [Power-Measuring-Device.](#) [view Linkedin post](#)

E-commerce Platform -2023 (Team )

Description:

- Collaborated with a team to design and develop a web-based e-commerce platform for handcrafted items and jewelry.
- Developed as part of a first-year university academic module.
- Focused on creating a responsive and user-friendly interface.
- Led the team in project planning, UI/UX design, and frontend development.
- Coordinated integration with backend functionalities.

Role: UI/UX Designer, Frontend Developer

Technologies Used

- Frontend: HTML, CSS, JavaScript ,Backend: PHP ,Database: MySQL

GitHub Repository Link- [View repo](#)

CERTIFICATIONS

Full-Stack Web Development Bootcamp -**Udemy** [view certificate](#)

Python for beginners-**UOM** [view certificate](#)

Achievement and Participation

MoraXtreme9.0 Algorithmic coding competition organized by IEEE [view my certificate](#)  
Student branch of UOM

Code-Rush 2024- coding competition organized by INTECS ,IT faculty,UOM

Volunteer Experience

rganizer of FIT FUTURE CAREER (2024 and 2025)  
Volunteer as a organizer of FIT FUTURE CAREER career fair INTECS University of Moratuwa

Organizer of MORA UX PLORE 2.0 (2024)  
Volunteer as a organizer of MORA UX PLORE 2.0 (2024). It is an inter-university UI/UX designation organized by the IEEE Student Branch of the University of Moratuwa.