

Omalya Vidushini

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[GitHub](#)
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OVERVIEW

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EDUCATION

University of Moratuwa

BSc. Engineering (Hons) (Computer Science and Engineering - Data Science & Engineering) Jan 2022 — Present

- Current CGPA: 3.71

Badulla Central College

G.C.E. A/Ls (Physical Science) Jan 2018 — Dec 2020

- 3A's - Island Rank 179

Badulla Viharamahadevi Girls' College

G.C.E. O/Ls (General Education) Jan 2008 — Dec 2017

- 9A's

WORK EXPERIENCE

Software Engineering Intern

LSEG Technology Dec 2024 — Present

PROJECTS

AI-Enhanced Mental Health Journaling (EmoAI) Jul 2024 — Dec 2024

- Uses NLP to analyze emotional states, helping psychological professionals monitor their patients.
 - **Skills:** Python, Flask, React, Firebase, TensorFlow, Git

You Drink We Drive Jun 2024 — Dec 2024

- Replaced a WordPress site with a dynamic website for a safe ride service targeting intoxicated clients.
 - **Skills:** React, Spring Boot, MySQL, Hibernate ORM, Git

Interactive Data Preprocessing VS Code Extension May 2024 — Present

- A VS Code extension enabling interactive data cleaning and visualization.
 - **Skills:** JavaScript, Python, HTML, CSS, Azure, Git, GitHub Actions

Web Application for a Banking System (NEXUS Trust Bank) Aug 2023 — Dec 2023

- Built a transaction-based web app for banking features including loans and inter-account transactions.
 - **Skills:** React, Node.js, MySQL, Express.js, DigitalOcean, Git

Mobile App for Interplanetary Travelling (INFIX) Aug 2023 — Aug 2023

- An imaginary concept app allowing users to book trips and share travel memories.
 - **Skills:** React Native, Node.js, Express.js, PostgreSQL, Prisma, Git

SKILLS

- **Programming Languages:** Python, Java, JavaScript, C++
- **Web Development:** Node.js/TypeScript, React, Express.js, Spring Boot
- **Databases:** MySQL, PostgreSQL, SQLite, Prisma ORM, Hibernate ORM, MongoDB, Firestore
- **Machine Learning:** Scikit-learn, TensorFlow, MLFlow, DagsHub
- **Tools:** Git, GitHub, GitHub Desktop

ACHIEVEMENTS

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|---|------|
| IEEEExtreme 2024, <ul style="list-style-type: none">• Country Rank 19 | 2024 |
| InspiHer V 2.0, <ul style="list-style-type: none">• Finalist Rank 5 - SLTC WIE club | 2024 |
| IEEEExtreme 2023, <ul style="list-style-type: none">• Country Rank 34 | 2023 |
| MoraXTreme 2022, <ul style="list-style-type: none">• Rank 112 | 2022 |
| ML Olympiad, <ul style="list-style-type: none">• Public Rank 87 | |
| Home Credit - Credit Risk Model Stability, <ul style="list-style-type: none">• Public Rank | |
| National Mathematics Competition, <ul style="list-style-type: none">• Qualified in 2016 | 2016 |
| All Island Drama Competition, <ul style="list-style-type: none">• Participant in 2015 & 2016 | 2015 |
| National Mathematics and Science Olympiad, <ul style="list-style-type: none">• Participated | 2012 |