



# Binuri Nimthera

Software Engineer - Intern

✉ binuthera@gmail.com ☎ 0779513850 📍 Embilipitiya, Sri Lanka

🌐 Binuri Nimthera 🔄 Nimbinu 🔗 Portfolio

## Profile

Aspiring Software Engineer with a solid foundation in programming, web development, and database management. I have hands-on experience in academic and team-based projects using modern technologies within Agile environments. Passionate about continuous learning and applying innovative solutions to real-world problems. Eager to contribute, grow, and make a meaningful impact as a software engineering intern.

## Education

**BSc (Hons) in Computing and Information Systems - Current GPA 3.26** **2023 - Present**  
Sabaragamuwa University of Sri Lanka

**G.C.E Advance Level Physical Science Stream - 2B, 1C** **2018 - 2021**  
Embilipitiya President College

## Projects

### EduBridge-Parent - Teacher Relationship Management System (Group Project-Ongoing) ✍

Laravel | PHP | MySQL | Blade | WhatsApp Business API | HTML | CSS | JavaScript | Bootstrap

- Collaborating as a full-stack developer to build a web-based platform enhancing communication between parents and teachers.
- Developing key features such as real-time WhatsApp notifications, PDF progress reports, two-way messaging, home-arrival confirmations, and an admin dashboard for monitoring student performance.

### StockGuard – Real-Time Stock Monitoring & Replenishment System(Group Project) ✍

ESP8266 NodeMCU | Load Cell | Hx711 Amplifier | Firebase | Arduino | HTML | CSS | PHP | IDE | Visual Studio Code

- Led a team in developing an IoT-based system for real-time stock monitoring and automated replenishment.
- Designed and developed the responsive frontend dashboard integrated with Firebase for low-stock alerts and anomaly detection.

### E-Satahan-Online Note Sharing System (Group Project) ✍

HTML | CSS | JavaScript | PHP | MySQL

- Led a team and contributed as a full-stack developer in building a Web-Based Note Sharing System to simplify academic resource sharing among students.
- Developed both frontend and backend features enabling secure upload, sharing, and access to academic notes.

### Online Tea Shop Website(Individual Project) ✍

HTML | CSS | JavaScript | Node.js | Express.js | MongoDB | RESTful API

- Built a full-stack online tea shop with a responsive interface for browsing and ordering products.
- Implemented RESTful API integration using Node.js, Express.js, and MongoDB for efficient product and order management.

### SafeRoute - Real-Time Hazard Reporting & Safe Routing(Individual Project-Ongoing) ✍

MongoDB | Express.js | React.js | Node.js | Socket.IO | Google Maps API | HTML | CSS | JavaScript

- Developed a web-based road safety platform using the MERN stack with real-time hazard reporting, map visualization, and safe route suggestions.
- Enabled instant user alerts for nearby road hazards through Socket.IO and provided an admin dashboard for verifying reports and monitoring high-risk zones.

## Technical Skills

---

- Programming Languages - C, Java, JavaScript, PHP, Python, React
- Databases - MySQL, MongoDB
- Version Control - Git, GitHub
- Tools - Figma, Visual Studio Code (VS Code), IntelliJ IDEA, Postman, Draw.io
- Concepts - Object-Oriented Programming (OOP), Agile Development



## Soft Skills

---

- |                                 |                           |                               |
|---------------------------------|---------------------------|-------------------------------|
| • Team Collaboration            | • Leadership & Initiative | • Strong Communication Skills |
| • Quick Learning & Adaptability | • Problem-Solving Skills  | • Multitasking Abilities      |


## Awards

---

- |   |  |
|---|--|
| <b>Semi-Finalist - HackX 9.0</b><br>University of Kelaniya  | <b>July 2024</b>      |
| <b>INSL 2024 Sabaragamuwa Province - Finalist   Top 10 team</b><br>IEEE Innovation Nation Sri Lanka | <b>November 2024</b>  |

## Certificates

---

- |   |   |   |
|---|---|---|
| <b>Web Design for Beginners</b> <br>University of Moratuwa       | <b>Foundations of Project Management</b> <br>University of Moratuwa | <b>IT Essentials</b> <br>Cisco                               |
| <b>Master Data Modeling and Database Development</b> <br>Udemy | <b>Data Analytics for Project Management</b> <br>Udemy             | <b>The Complete ReactJs Course For Beginners</b> <br>Udemy |
| <b>SQL and Relational Databases 101</b> <br>Cognitive Class    | <b>Python for Beginners</b> <br>University of Moratuwa             | <b>Python Programming</b> <br>University of Moratuwa       |

## Extracurricular Activities

---

- Content Creation Team Volunteer**  
IEEE Student Branch, Sabaragamuwa University of Sri Lanka.
- Secretary Team Member**  
SabraXtreme 3.0 – IEEEExtreme 19.0, organized by the IEEE Student Branch of Sabaragamuwa University of Sri Lanka.
- Secretary Team Member**  
IEEE Day Celebration 2025, organized by the IEEE Student Branch of Sabaragamuwa University of Sri Lanka.
- Team Member**  
STEMUP Educational Foundation

## References

---

- Mrs. Kumudu Wijerathna**, Lecturer (Probationary), Department of Computing and Information Systems, Faculty of Computing, Sabaragamuwa University of Sri Lanka, kwijerathna@foc.sab.ac.lk, +94787233899
- Mrs. Hiruni Senevirathne**, Senior Software Engineer, Sysco LABS Technologies (Pvt) Ltd  
Hiruni.Senevirathne@sysco.com, +94712052959