NILAKSHI RATHNAYAKE

Intern Software Engineer

CONTACT

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in www.linkdin.com/in.nilakshi-rathnayake-945780323

⊙ https://Github.com/Nilakshi2001

NON-TECHNICAL SKILLS

- Project Management
- Public Relations
- Team Work
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

ABOUT

I am an ambitious Software Engineering undergraduate with familiarity in the MERN stack, and UI/UX design. I am passionate about crafting seamless web and mobile applications to solve real-world challenges. Excited to gain industry experience, innovate, and grow through collaboration with experts and great ambition of becoming a talented professional in the information technology industry.

EDUCATION

- Sabaragamuwa University of Sri Lanka
  BSC(Hons) Software Engineering
  2022 Present

- GCE Ordinary Level
  B/Mahiyangana National Collage
  7A , 2B

- GCE Advanced Level
  Physical Science Stream
  B/Orubediwewa National School
  3Bs| Z-Score - 1.4660
  (District Rank 99)
  2020

ACHIEVEMENTS

- Pearlhack 2.0
  Organizing Committee
- Mahiyangana National School Debate Team
- Mahiyangana National School Chess Team

TECHNICAL SKILLS

- Programming Languages:
  C , Java , Python , C++
- Databases:
  MySQL , Mongo DB
- Version Contralling:
  GitHub
- Development Tools:
  Intellij IDEA , VS Code
- UI Development:
  HTML , CSS , React.js
- Backend Development:
  PHP , Express.js
- Computer Fundamentals:
  Algorithms, Data Structures

INTERESTS

- Writing
- Travelling
- Designing
- Reading
- Learning new things
- Watching Dramas

REFERENCES

- **Professor
  (Dr.)S.Vasanthapriyan**
  Ph.D,SMIEEE
  Dean Faculty of Computing
  Professor in Computer Science,
  Sabaragamuwa University of Sri
  Lanka,
  P.O.Box 2, Belihuloya, Sri Lanka.
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  0717851500

- **Pasindi Weerathunge**
  Full Stack Engineer
  Skillfully, Paradigm AI,
  Havelock City, Colombo 00500,
  LK.
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  071266966

PROJECTS

1.Intelligence Farming Solutions Web Application (Farmscap)-Group Project

- **Features:** Veterinary access, feed tracking, milk yield predictions, AI monitoring, marketplace.
- **My Contribution:** Develop all the backend part of the application using PHP.

2. Automated Ingredient Measurement Guide System - Ongoing Group Project for Elastomeric Engineering Company(Hexpol Group)

- **Core Components:** Hardware integration (scales), algorithms, web-based CRUD app, local database, central server.
- **Features:** Real-time measurement with alerts, automated guidance, role-based recipe management, data analysis, multi-station workflow.
- **Scope:** Precision in ingredient measurement, compliance reporting, parallel processing, and trend analysis.
- **Focus:** Automation, scalability, and consistent product quality in manufacturing processes.
- **My Contribution:** Develop frontend .

3.Nike-Style eCommerce Platform(Individual)

- **Stack:** PHP, MySQL, HTML/CSS, JavaScript.
- **Features:** Shopping cart, user/admin dashboards, login system, messaging, clean UI.
- **Scope:** Full functionality for customers and administrators.
- **Focus:** User-friendly design with seamless interaction.

4.Online food ordering App(Individual)

- **Stack:** MERN (MongoDB, Express.js, React.js, Node.js).
- **Features:** User authentication, menu browsing, cart management, order processing.
- **Focus:** Responsive UI, user-friendly design, and a scalable backend for efficient operations.
- **Development:** Followed full-stack best practices to ensure seamless integration of frontend and backend components.

5.Learning Management System for Mahiyangana National Collage - Group Project

- **Modules:** User authentication, assignment management, attendance tracking, marks reporting, notifications.
- **Focus:** Responsive, user-friendly interfaces for students, staff, and administrators.
- **Collaboration:** Team-driven development to deliver an accessible educational platform.

My Contribution: Develop frontend.