

# AMILA PATHUM RANASINGHE

Software Engineer Intern

 [github.com/amila-pathum](https://github.com/amila-pathum)

 [linkedin.com/in/amila-pathum-ranasinghe](https://linkedin.com/in/amila-pathum-ranasinghe)

 [amilapathumranasinghe@gmail.com](mailto:amilapathumranasinghe@gmail.com)

 +94 71 706 1811

 Moratuwa, Sri Lanka

## SUMMARY

Third-year Information Technology undergraduate at the University of Moratuwa with hands-on experience building full-stack web applications using Next.js, React, TypeScript, Java, and Spring Boot. Experienced in developing REST APIs, working with PostgreSQL/MySQL, Git/GitHub, and Linux. Seeking a Software Engineering internship to contribute to production-quality systems while strengthening backend and full-stack development skills.

## EDUCATION

|                                                           |             |
|-----------------------------------------------------------|-------------|
| <b>B.Sc. (Hons) in Information Technology</b>             | 2024 – 2028 |
| University of Moratuwa, Faculty of Information Technology |             |
| <b>G.C.E. Ordinary Level &amp; Advanced Level</b>         | 2012 – 2020 |
| St. Aloysius' College, Ratnapura                          |             |

## TECHNICAL SKILLS

- **Languages:** Java, TypeScript, JavaScript, PHP, C, Embedded C
- **Frontend:** Next.js, React, HTML, CSS, Tailwind CSS, shadcn/ui
- **Backend & Databases:** Spring Boot, REST APIs, PostgreSQL, MySQL
- **Cloud & Infrastructure:** DigitalOcean, Linux, web server hosting
- **Tools & Practices:** Git, GitHub, Postman, Figma, Agile development
- **Embedded:** Arduino, Embedded C

## EXPERIENCE

|                                |                             |
|--------------------------------|-----------------------------|
| <b>Web Development Trainee</b> | October 2023 – January 2024 |
| <i>Revoise</i>                 | <i>Yakkala, Sri Lanka</i>   |

- Built and styled websites using HTML, CSS, JavaScript, PHP and MySQL under a structured training programme
- Worked entirely in a Linux development environment, using the command line for day-to-day development tasks
- Deployed and hosted completed sites on Linux servers running on DigitalOcean

## PROJECTS

|                                                                                                                                                                                                                                                                                                    |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>01. MemberConnect – Member Registration System for ERP Integration</b>                                                                                                                                                                                                                          | <i>Group / 5 developers</i> |
| Secure web-based system that digitalizes member registration and related administrative processes for an educational-sector financial cooperative, covering registrations, profile changes, transfers, terminations, scholarships, death and donation requests, approvals and document generation. |                             |

### Key Contributions:

- Built the member termination workflow end to end, from request submission through approval and record update
- Implemented the death and donation request workflow, including the process for recording a member's death
- Developed the member dormant process governing how inactive members are flagged and handled
- Worked to a shared Git/GitHub branching and code review process alongside four other developers

**Tech:** Next.js, React, TypeScript, Tailwind CSS, shadcn/ui, React Hook Form, Zod, Zustand, Java 21, Spring Boot, REST APIs, PostgreSQL

**Repository:** [Frontend](#) | [Backend](#)

## 02. Task Management Application

Group

Task management application with dedicated views for upcoming, current and completed tasks, alongside user profile and settings management.

### Key Contributions:

- Developed the user profile and settings module, including the forms and state handling behind it
- Built reusable React components within the Next.js App Router structure

**Tech:** Next.js (App Router), React, TypeScript, Java

**Repository:** [GitHub](#)

## 03. Grand Restaurant Management System

Group

Restaurant management platform offering menu management, online ordering, table reservations, customer reviews and an administrative dashboard for handling orders, reservations, reviews and menu items.

### Key Contributions:

- Implemented the customer review feature, covering review submission, storage and display
- Built the authentication flow, including user login, logout and session handling

**Tech:** PHP 7.4+, HTML, CSS, JavaScript, SQLite (via PDO with prepared statements), password hashing, GD image handling, Apache/Nginx

**Repository:** [GitHub](#)

## LEADERSHIP & ACTIVITIES

---

**Corporal** · National Cadet Corps (NCC), Western Cadet Band

- Held a non-commissioned rank, taking responsibility for junior cadets during training and official events
- Developed leadership, discipline, teamwork and coordination through structured training and public performances

**Organizing Committee Member** · Gamers' Arena 2025 · University of Moratuwa

- Supported event planning, registration and on-site operations for a university-wide arcade event
- Collaborated with the technical and logistics teams to ensure smooth execution and a good participant experience

## REFEREES

---

**Dr. Saminda Premaratne**

Senior Lecturer

Faculty of Information Technology

University of Moratuwa

✉ [samindap@uom.lk](mailto:samindap@uom.lk)

☎ +94 71 441 3362

**Ms. Vinavi Sathsarani**

QA Engineer

Informatics International Limited

✉ [vinavi.s@informaticdint.com](mailto:vinavi.s@informaticdint.com)

☎ +94 78 469 3291