NAMUDARA ABEYSINGHE
SENIOR SOFTWARE ENGINEER

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PROFILE SUMMARY

Senior Software Engineer with 3.5+ years of experience building scalable, secure HR tech solutions. Expert in full-stack development and AI integrations, with a proven track record of leading cross-functional teams, improving system performance, and delivering features that drive user engagement and business growth.

WORK EXPERIENCE

Senior Software Engineer
OrangeHRM · Nov 2024 – Present

- Led a team of 3 developers, managing estimations, code reviews, and mentorship.
- Collaborated with stakeholders to clarify requirements and define technically feasible solutions.
- Integrated multifactor authentication (MFA) to enhance system security.
- Developed iCalendar generation for various event types (Leaves, Holidays), improving calendar integration.
- Led the development of Leave Type Reordering, allowing users to prioritize leave types in Apply/Assign flows.
- Integrated AI features to generate employee goals, summarize appraisal reviews, and analyze candidate-job fit.
- Created an external Python application using FastAPI framework to connect AI-related tools such as an anonymizer, document parser, and vector service helper.
- Built Buzz email notification functionality to increase engagement with social posts on the platform.

Software Engineer
OrangeHRM · May 2022 – Nov 2024

- Led the 'Next Gen' engineering team, overseeing release work and suggesting new processes and improvements.
- Developed automated punch-out functionality for incomplete punch-in records.
- Built and maintained shareable non-editable reports for Timesheet Data and Attendance Records.
- Centralized audit trail logging by including source and performed screen metadata.
- Improved leave calendar usability by managing leave type visibility for ESS users.
- Practiced test-driven development using PHPUnit 8 (backend) and Vue Test Utils + Jest (frontend).
- Converted legacy Symfony screens and Action classes into Vue 3 components and RESTful endpoints.
- Developed a reusable "Tree-Select" Vue component for the OXD UI library with dynamic nested selection.
- Enhanced ESB mediator logic to detect and respond to system user data changes.
- Implemented backward-compatible API versioning with 0% code duplication.

Software Engineer Intern
VizuaMatix (Pvt) Ltd · Oct 2021 – Mar 2022

- Contributed to full-stack development using Spring Boot and Vue 2 and implemented automated document and PDF generation workflows.

TECHNICAL SKILLS

- **Languages**: JavaScript, PHP, Java
- **Backend Frameworks**: Symfony, Spring Boot
- **Frontend Frameworks**: Vue 2 & 3, Nuxt 2, Angular
- **Databases**: SQL (MySQL, MariaDB)
- **Version Control**: GIT, Subversion
- **Practices:** Agile, TDD (Test driven development)
- **Problem Solving**: HackerRank Gold Badge (5 stars)
- **Message Brokers**: RabbitMQ
- **Testing / TDD** : PHPUnit (v8, v10), Jest, Vue Test Utils

EDUCATION

- BSc in Computer Science, University of Colombo School of Computing, 2022