

SUURYA SIVABALAN

SOFTWARE DEVELOPER

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PROFESSIONAL EXPERIENCE

Software Developer || Total Dynamics Technology Holding Sdn. Bhd.

March 2025- Present

Frontend & System Development

- Developed and maintained web applications including progress management, accounting, and billing systems using React.js with Vite.
- Built reusable, scalable UI components and ensured responsive, cross browser compatible interfaces.
- Integrated frontend applications with PHP and Laravel-based backends through RESTful APIs.

Backend Collaboration & API Integration

- Consumed and tested backend APIs, handling authentication, data validation, and error handling.
- Worked closely with backend developers to align frontend workflows with server-side business logic.
- Gained hands-on using PGAdmin for database interactions and Postman to test, and interact with APIs, and request-response lifecycles.

AI Integration

- Designed and integrated OpenAI GPT-4o into the payroll system to automatically extract and populate receipt data when technicians upload expense receipts, reducing manual data entry and errors.

Systems & Business Logic

- Applied accounting and billing principles to ensure accuracy in financial workflows including invoicing, recurring charges, reconciliation, and billing
- Translated business requirements into functional UI flows aligned with backend rules.

Tools & Practices

- Used GitHub for version control, code collaboration, and change tracking.
- Followed clean code practices and component-based architecture for maintainability.

Service Desk Specialist || Tech Mahindra Sdn. Bhd (Baker Hughes Client)

Nov 2023 - May 2024

- Provided technical support to end users, addressing issues related to hardware, software, networks, and various IT-related problems.
- Diagnosed and resolved issues involving computer systems, applications, and peripherals, both on-site and remotely.
- Delivered professional and timely user support, addressing inquiries and incidents through ticketing, chat, and call-based support tools.
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- Assisted with the installation, configuration, and maintenance of software applications on end-user devices.
- Provided remote technical assistance to off-site and remote users to ensure continuity of operations.
- Collaborated with network administrators, system administrators, and application teams to resolve cross-functional and system-level issues.

Cloud Services (Internship trainee) || Silver Lining Systems

Aug 2022 - Nov 2022

- Supported the Project Manager in managing ERP implementation projects for LCIB Sarawak Cable Berhad, collaborating with Vienna Advantage Asia (VAA) on the migration to Vienna Advantage ERP.
- Contributed to the preparation and updating of tender proposals for ERP system migration projects, including Cahaya Mata Sarawak.
- Participated in ERP integration activities for PERODUA's parts manufacturing facility, supporting system alignment and data flow between modules.
- Assisted in the preparation of User Acceptance Testing (UAT) documentation and Go-Live certification, supporting final system validation and deployment readiness.

EDUCATION AND CERTIFICATION

Bachelor's degree || Asia Pacific University, Bukit Jalil, Malaysia

2023

Bachelor of Computer Science,
Major: Intelligent Systems (AI)

Bachelor's degree || De Montfort University

2023

Bachelor of Computer Science
Major: Intelligent Systems (AI)

Diploma || Asia Pacific University, Bukit Jalil, Malaysia

2021

Diploma in Information Technology,
Major: Software Engineering

TECHNICAL SKILLS

- Programming Languages: HTML, CSS, JavaScript, Python, PHP, SQL
- Libraries and Frameworks: React, Node.js, Vite, Laravel
- Tools & Platforms: GitHub, Figma, Canva, Hostinger, Postman, PGadmin, MySQL.
- AI Tools: ChatGPT, CursorAI, Gemini, ClaudeAI, etc.