


# Ahmed Tarek Abdel Raouf

## Software Engineer

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Experienced Full Stack Software Engineer with 3 years in web development, specializing in PHP (CodeIgniter 4, Laravel), JavaScript, Next.js, React.js, Ajax, jQuery, Bootstrap, MySQL, low-code, and no-code applications. Proven expertise in delivering high-quality B2C and B2B applications. Proficient in agile methodologies and the full SDLC. Recognized for anticipating challenges and delivering innovative solutions with precision. A dedicated team player committed to exceeding client expectations through user-friendly, cutting-edge software applications.

## Work Experiences

2022-08 - 2024-07

### Software Engineer | Full-Time (Remotely)

*Fame International IT Consulting Sdn Bhd, Kuching, Sarawak, Malaysia*

- Enhance web applications using CodeIgniter 4 and Next.js, significantly improving quality and user experience in collaboration with the project manager.
- Collaborate with cross-functional teams to gather requirements and deliver customized solutions.
- Designed and developed "eOptimum," an electronic residential aged care record system, using CodeIgniter 4 and MySQL.
- Led the development of the "DutyTrace" project with Admin and Staff modules. Designed admin functionalities for managing staff and locations, including QR code generation. Implemented transaction monitoring for staff check-ins/checkouts using CodeIgniter 4 and MySQL. Integrated FlutterFlow.io for the Staff app, providing a seamless login experience and user-friendly interface for staff information and records based on QR code scans.
- Developed a sophisticated eReservation system with Floor Plan Mapping for online table reservations and food ordering. Designed the user interface, workflow, and database structure, optimizing performance, user experience, and operational flexibility for restaurant staff scheduling and management.
- Introduced advanced features to the Famepos system, a POS solution for online and offline use across mobile and web platforms, improving efficiency and ensuring robust system performance.
- Gained expertise in low-code development tools (FlutterFlow.io, Bubble.io) and SQLite.
- Conducted extensive testing and debugging of software applications to deliver high-quality products meeting client and user requirements.

2021-09 - 2022-06

### **Software Engineer | Full-Time (Remotely)**

*MobileOne Technology Sdn Bhd, Petaling Jaya, Selangor*

- Developed back-end components to connect applications with web services.
- Updated old code bases to modern development standards, improving functionality.
- Planned, coded, and deployed web-based applications using PHP, MS SQL, and JavaScript.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Designed enhancements and updates for subsystems of end-user applications software running on local, networked and Internet-based platforms.

2020-09 - 2021-06

### **Full Stack Developer | Final Year Project**

*Swinburne University of Technology, Kuching, Sarawak*

- Developed Agile Software Project Management System website that supports the agile software development lifecycle by allowing users to perform various functionalities. Design Software Architecture. Design and update software database. Improve UI, maintain system. Reviewed code, debugged problems, and corrected issues.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements. Developed new features such as requirements and tasks management, progress tracking, Integrate with GitHub API, bug reporting, time tracker, calendar.

2020-06 - 2020-08

### **Software Developer | Internship**

*KARUNA Sarawak, Kuching, Sarawak*

- Collaborated effectively with members of software development team and personnel in other departments.
- Developed ecommerce projects using PHP, JavaScript, MYSQL, Bootstrap programming language. Wrote clear, clean code for various projects.
- Contributed to deployments by resolving issues for optimal results. Delivered project reports and milestone updates to supervisor. Worked with design teams and Senior Software Engineers to build customized software products for consumers.

## Education

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2018-08 - 2021-06

### **Bachelor of Computer Science: Software Development**

*Swinburne University of Technology - Kuching, Sarawak, Malaysia*

CGPA: 2.99

2017-04 - 2018-06

### **Foundation: Information Technology and Multimedia**

*Swinburne University of Technology - Kuching, Sarawak, Malaysia*



## Accomplishments

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### Final Year Project Top Scorer

Awarded top scorer for the SWE40002 Software Engineering Project B - Final Year Project. Led a team to develop an Agile Software Project Management System, integrating tools for project and board selection, calendar management, progress tracking, file uploads, bug reporting, GitHub API integration, time tracking, document generation, and diagram creation. Designed following the Software Development Life Cycle (SDLC) and Agile Methodology, and successfully supervised and approved by client Karuna Sarawak.



## Certifications

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- 2022-07** Introduction to PHP - Simplilearn
- 2021-06** Responsive Web Design - FreeCodeCamp
- 2021-06** JavaScript Algorithms and Data Structures - FreeCodeCamp
- 2021-06** Scrum Master Certified (SMC) - Project Management Institute



## Skills

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### Programming Languages

- HTML, CSS, Bootstrap
- JavaScript (AJAX, jQuery, React, NEXTJS)
- Native PHP, CodeIgniter 4 & Laravel frameworks

### Database

- MYSQL
- Microsoft SQL Server
- MongoDB

### Web Design

- Figma
- Adobe Photoshop, Adobe Illustrator
- Adobe xD, Adobe InDesign

### Project Management Skills

- Project planning.
- Scrum methodology.
- Problem Solving.
- Critical Thinking.



## Languages

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- English
- Arabic