

MUHAMMAD AMIRUL BIN YUNUS

+6016-2081960 | amirulyunus29@gmail.com | www.linkedin.com/in/amirulyunus | <https://amirulyunus.com>

Logical and results-driven web developer dedicated to building and optimizing web based system. Judicious and creative when creating effective websites and apps. Technically proficient and analytical problem solver with a calm and focused demeanor.

WORK EXPERIENCES

ASTERISK DIGITAL SDN BHD

February 2026 - current

Senior Full Stack Developer

- Delivered new features and system enhancements based on backlog priorities within defined timelines.
- Collaborated with business stakeholders to design and implement features involving multiple external system integrations and APIs.
- Provided production support for Malaysia and Brazil environments, maintaining stability across multiple deployments of the same system.
- Owned the weekly production release cycle, deploying updates and managing post-release monitoring and hotfixes when necessary.
- Optimized API performance and database queries to improve response times and system efficiency.
- Implemented Laravel scheduled commands and background processes to automate system updates and data synchronization.
- Refactored legacy code to improve reusability, debugging efficiency, and separation of concerns, resulting in cleaner architecture.

TATA CONSULTANCY SERVICES

May 2025 - January 2026

System Engineer

- Engineered and maintained scalable full-stack web applications using Laravel, enhancing system reliability and user satisfaction.
- Developed and integrated responsive front-end interfaces and robust back-end functionalities, improving overall user experience.
- Diagnosed and resolved complex technical issues, ensuring minimal downtime and optimal performance.
- Provided prompt technical support, effectively addressing user inquiries and system-related challenges.
- Conducted data extraction and analysis to derive actionable insights, supporting strategic business decisions.
- Identified performance bottlenecks and implemented optimization strategies, reducing load times and enhancing efficiency.
- Seamlessly integrated third-party APIs, expanding application capabilities and facilitating smooth data exchange.
- Collaborated cross-functionally with designers and product managers to deliver high-quality features and continuous improvements.
- Designed and executed database schema migrations, maintaining data integrity and ensuring seamless transitions.
- Developed and maintained RESTful APIs to support front-end and mobile applications, ensuring scalability and high performance.
- Led the migration of a legacy Laravel 6 codebase to Laravel 12, improving maintainability, security, and long-term support.
- Provisioned and configured AWS infrastructure (EC2, ELB, RDS) to support system architecture and application deployments.
- Investigated and resolved production performance issues using server logs (Nginx, PHP-FPM) and query optimization techniques.
- Participated in code reviews and technical discussions to improve code quality and overall system design.

Web Developer*July 2024 – April 2025*

- Developed and maintained full-stack web-based systems using Laravel.
- Implemented front-end and back-end solutions to enhance user experience and system functionality.
- Troubleshoot and resolved technical issues, ensuring seamless performance and user satisfaction.
- Provided technical support to users, addressing inquiries and resolving issues promptly.
- Extracted and analyzed data to gain insights, supporting business decisions and strategies.
- Identified bottlenecks and optimized application performance, reducing load times and enhancing user experience.
- Successfully integrated third-party APIs, enabling seamless data exchange and expanding application functionality.
- Designed and executed database schema migrations, ensuring data integrity and minimal downtime.
- Created and maintained RESTful APIs to support front-end and mobile applications, ensuring scalability and performance.

C++ Application Developer*March 2024 – July 2024*

- Utilized Makefiles to streamline the build process for C++ projects, defining rules and dependencies to automate compilation while ensuring that only modified files were recompiled, saving time during development.
- Proficiently identified and resolved compilation errors and warnings, analyzing error messages to pinpoint issues and correct code syntax while ensuring adherence to C++ language standards and best practices.
- Executed compiled executables (.exe files) to verify correctness, validate program behavior against expected outcomes, and thoroughly tested edge cases and input scenarios.
- Involved in testing shell scripts that triggered compiled C++ code, ensuring seamless integration between shell scripts and C++ components while verifying data flow and interactions across different system components.
- Employed reverse engineering techniques to diagnose complex issues, analyzed binaries, disassembled code, traced execution paths, and resolved elusive bugs by understanding the underlying behavior.
- Tested shell scripts for SFTP activities, verified successful file transfers between servers, and ensured data integrity and security.

Junior Web Developer*January 2023 – November 2023*

- Analyzed and estimated the time and effort required for each development task.
- Designed and implemented innovative business features to enhance system functionality.
- Successfully deployed monthly updates to the production environment, ensuring seamless integration of new features.
- Led the smooth migration of our codebase from BitBucket to GitLab, optimizing version control processes.
- Offered technical support for both non-production and production environments, resolving issues promptly.
- Collaborated with cross-functional teams to integrate APIs and enhance system interoperability.
- Vigilantly monitored server health to ensure optimal performance and minimize downtime.

DIGITAL DAGANG SDN BHD*June 2022 – December 2022***Junior Web Developer**

- Developed landing pages, dashboards, and online web apps using HTML, CSS, Laravel, and JQuery,
- Designed and executed security measures such as the implementation of PASETO for HTTP re-direct services.
- Maintained back-end for food delivery platform, invoicing web-based app, and HR management system.
- Developed an insurance renewal feature on a mobile app by using API integration.
- Developed API specifications for internal uses.
- Completed full redesign of over 20 existing web pages to improve navigation, and enhance visuals.
- Improved execution time of web apps from 70ms to 50ms on average by reducing the number of queries made for every page.
- Supervised and guided interns, providing them with tasks to enhance their understanding of Laravel.
- Cached infrequently updated data on Redis to reduce website loading time.
- Regularly attended meetings with clients and partners as a representative for technical team.

EDUCATION

DIPLOMA IN COMPUTER SCIENCE, UNIVERSITI TEKNOLOGI MARA (UiTM)

September 2018 – July 2021

- **CGPA: 3.24**

CERTIFICATIONS

- Certificate of Completion in Java Programming (Great Learning Academy) *April 2022*
- Certificate of Completion in Laravel 8 Programming *August 2022*
- AWS Certified Cloud Practitioner *July 2023*

TECHNICAL SKILLS

Programming Languages:

Python, PHP, JavaScript, C++, Java, HTML, CSS

Frameworks & Libraries:

Laravel, Symfony, Flutter, Bootstrap, React, Node, Scikit-learn

Databases:

MySQL, PostgreSQL

Cloud & Infrastructure:

AWS (EC2, ELB, RDS, IAM, S3, Athena, CloudWatch, Lambda)

Tools & Platforms:

Git, Postman, Pimcore, Jupyter Notebook, Google Colab

Concepts & Technologies:

REST APIs, API Integration, Backend Development, Database Design, Query Optimization