

Fazrul Romli

Full-Stack Software Developer

Innovative and results-driven Full-Stack Developer with 5+ years of experience delivering high-quality software solutions across diverse industries. Skilled in developing scalable web applications, integrating cutting-edge technologies, and optimizing system performance.

Proficient in collaborating with cross-functional teams to drive business success and enhance user experiences. Expertise in Java, PHP, AWS, and automated testing frameworks like Cypress, ensuring robust and efficient application development. Passionate about software architecture, automation, and cloud-based solutions.



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Work Experience

Business Architecture Analyst

12/2022 – Present

Accenture Solutions Sdn. Bhd. | Federal Territory of Kuala Lumpur, Malaysia

Finance & Accounting

Key Qualifications & Responsibilities:

- Developed and maintained scalable batch jobs with 50+ layouts, ensuring efficient data transformation and accuracy.
- Optimized cloud-based workflows by integrating AWS services, enhancing system performance, resilience, and scalability.
- Deployed applications across multiple environments, ensuring stable and efficient system operations.
- Collaborated with cross-functional teams to streamline batch process integration.
- Implemented metric logging to improve log readability and system monitoring, enabling faster issue detection and resolution.
- Refactored and modularized batch processing architecture, increasing code maintainability, reusability, and scalability for future expansions.

Key Achievement:

- Earned multiple High Velocity Recognition Awards for delivering high-quality solutions under tight deadlines.

DevOps

Key Qualifications & Responsibilities:

- Assisted in automating deployment workflows, minimizing manual interventions and improving release stability.
- Configured and managed Dockerized environments, optimizing development consistency and deployment efficiency.
- Contributed to CI/CD pipeline optimization, collaborating with DevOps teams to improve automation strategies.

Healthcare

Key Qualifications & Responsibilities:

- Developed and maintained AnIML converter plugins, focusing on data transformation workflows.
- Designed plugins to support multiple file formats, including CSV, TXT, Excel, images, and binary files, enabling comprehensive data ingestion and transformation.
- Delivered 3-5 plugins per sprint, depending on complexity, ensuring seamless integration with frontend teams.

Business Architecture Analyst

Telecommunications

Key Qualifications & Responsibilities:

- Contributed to the development of telco plans, including 5G, by enhancing user-friendly platforms for improved customer experiences.
- Designed and implemented RESTful APIs, ensuring smooth integration across Android and iOS platforms.
- Established Cypress-based automation testing, significantly reducing regression testing time and improving release efficiency.
- Automated API testing using Postman pre-request and post-response scripts, enhancing test reliability and execution speed.
- Migrated development environments from VirtualBox to Docker, streamlining setup, onboarding, and maintenance.

Key Achievement:

- Optimized the plan purchasing process, reducing customer service inquiries and enhancing user satisfaction.

Back End Developer
11/2020 – 11/2022

The Lorry Online Sdn. Bhd. | Shah Alam, Selangor, Malaysia

Key Qualifications & Responsibilities:

- Developed and maintained new features for multiple products, ensuring seamless integration and optimized performance.
- Refactored legacy code to support multi-country operations, improving scalability, efficiency, and compliance using SOLID principles.
- Integrated AWS services and secure payment gateways (RazerPay, Touch 'n Go), enhancing system reliability and transactional security.
- Implemented automated testing frameworks like PHPUnit and Cypress, ensuring high-quality releases and minimizing post-production issues.
- Optimized API performance and database queries, reducing response time and improving data handling efficiency.
- Collaborated with cross-functional teams to streamline development, testing, and deployment processes.

Key Achievement:

- Successfully implemented multi-country support, leading to enhanced system performance and an expanded user base across regions.

Software Developer
04/2019 – 10/2020

BizAid Technologies Sdn. Bhd. | Bangsar, Kuala Lumpur, Malaysia

Key Qualifications & Responsibilities:

- Led the development of OCR & NLP-based financial statement modules, significantly improving data processing capabilities and accuracy.
- Managed and automated Selenium testing workflows, reducing processing time and minimizing manual testing efforts.
- Implemented and optimized REST API integrations, enhancing document processing automation and system efficiency.
- Provided IT support by managing network infrastructure, ensuring operational stability across departments.
- Developed and maintained scalable data processing solutions, improving system reliability and user experience.

Key Achievement:

- Successfully increased monthly revenue by integrating critical API solutions, enhancing product capabilities and client satisfaction.

Skills

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Programming Languages

- Java, PHP, JavaScript, SQL, VB, Python

Frameworks

- Spring Boot, Laravel, CodeIgniter, Nextjs, Cucumber

Testing & Automation

- Cypress, Selenium, PHPUnit, JUnit, Mockito, JaCoCo

DevOps & CI/CD

- Docker, VMware, Jenkins, SonarQube, Bitbucket, Rundeck

Database

- MySQL, MSSQL, Redshift, PostgreSQL

Cloud & Infrastructure

- AWS (S3, EC2, Lambda, RDS, SQS, CloudWatch)

Other

- API Development, RESTful Web Services, Version Control (Git)

Achievements

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Certified Professional Requirements Engineer (CPRE-FL)

01/2017 - Present

Credential ID ATC1001761

Android Certified Application Developer

10/2017 - Present

Credential ID MY-CPRE-FL-2017-00007

Education

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Bachelor Of Software Engineering (Information System)

2015 - 2019

Universiti Kebangsaan Malaysia (UKM)
Bangi, Selangor, Malaysia

Interests

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- Cloud Computing
 - DevOps
 - Machine Learning
 - Microservices Architecture
 - Artificial Intelligence
 - Ethical Hacking
 - Computer Hardware

Languages

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Malay
Native or Bilingual Proficiency

English
Professional Working Proficiency