

Arshad Ahmad, Senior Developer

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EXECUTIVE SUMMARY

Senior developer with 7+ years of professional experience delivering scalable, production-grade web and mobile applications. Strong expertise in frontend architecture and UI systems using Vue.js, TypeScript, and modern CSS frameworks, building responsive and maintainable SPAs. Proven experience developing cross-platform mobile applications with React Native, supporting Android, iOS, and Web from a shared codebase. Solid backend exposure with Node.js, NestJS, and Laravel, enabling effective collaboration across full-stack systems. Hands-on experience with AWS-based cloud and serverless environments, supporting frontend platforms at scale. Strong advocate of automated testing, implementing end-to-end testing with Playwright to ensure quality and release stability. Recognized for mentoring junior engineers and driving frontend best practices through code reviews and technical guidance.

TECHNICAL SKILLS

Language

JavaScript, TypeScript, PHP, SQL

Frontend & Mobile

Vue.js, React Native, Svelte

Backend

Node.js, NestJS, Laravel

Testing & Quality

Playwright, Vitest, Storybook

Databases

PostgreSQL, MySQL, DynamoDB

Cloud & Infrastructure (AWS)

Lambda, SQS, Cognito, ECS, Fargate, EC2, ECR, SSM, Bedrock

EXPERIENCE

Senior Cloud Developer

Apr 2022 – Present

eCloudvalley Technology Sdn Bhd

Frontend Architecture & SPA Development

Designed and delivered production-grade SPAs using Vue.js, TypeScript, Tailwind CSS, Pinia, and Vue Router, implementing scalable UI architecture, complex interactive features, and maintainable state management.

Authentication & Identity Integration

Integrated AWS Cognito into Vue.js applications to support secure authentication flows, session handling, and user lifecycle management across web platforms.

Mobile Application Development

Developed and maintained cross-platform mobile applications using React Native, supporting Android, iOS, and Web from a single codebase, while ensuring platform-specific UX consistency and performance optimizations.

Social Login & Identity Providers

Integrated Firebase Authentication with multiple identity providers, including Google, Facebook, Apple, and LINE, handling account linking, edge cases, and cross-platform login consistency for mobile applications.

Mobile App Release & Distribution Automation

Standardized mobile release workflows using Fastlane, managing automated builds and deployments via Firebase App Distribution and Apple TestFlight, reducing manual release overhead and minimizing deployment errors.

Backend Development

Built and optimized APIs using NestJS (Node.js), with MySQL and PostgreSQL for relational data modeling, query optimization, and reliable data management.

Serverless Architectures with AWS Lambda

Designed and implemented serverless backends using AWS Lambda and API Gateway, improving scalability while reducing operational and infrastructure costs.

Message-Driven Systems

Designed and integrated asynchronous workflows using AWS SQS, enabling service decoupling, improved fault tolerance, and higher system throughput.

Scalable Cloud Solutions

Utilized AWS S3, CloudFront, DynamoDB, RDS, and CodeCommit to deliver secure, highly available cloud-based applications across web and mobile platforms.

Automated Testing

Implemented end-to-end testing with Playwright and Vitest, along with component-level testing using Storybook, improving release confidence and reducing regression issues.

Code Quality & Repository Management

Established shared ESLint and Prettier configurations across multiple repositories to enforce consistent coding standards and reduce long-term technical debt.

Containerization & Deployment

Built and published Docker images to AWS ECR, deploying services on ECS with AWS Fargate to support scalable, containerized workloads without server management overhead.

Mentorship & Code Review

Mentored junior developers through pair programming, structured code reviews, and knowledge-sharing sessions, raising overall code quality and team delivery standards.

Talent Development & Technical Leadership

Worked closely with management to identify, develop, and retain in-house technical talent, contributing to sustainable team growth and long-term engineering capability.

Full Stack Developer

Jun 2019 – Mar 2022

Kollect System Sdn Bhd

Backend Development with Laravel

Designed, developed, and maintained backend systems using Laravel, delivering stable APIs, enforcing clean application architecture, and supporting scalable business logic.

Svelte Application Development

Built high-performance web applications using Svelte, emphasizing fast build times, minimal runtime overhead, and simplified component logic for long-term maintainability.

Payment Gateway Integration

Integrated and maintained payment gateways including eGHL and Billplz, handling secure transaction flows, callbacks, and edge cases to ensure reliable payment processing.

PostgreSQL Database Design & Optimization

Designed and optimized PostgreSQL schemas, queries, and indexes, ensuring data integrity, performance, and reliability in production environments.

Fintech Product Development

Contributed to the development of fintech solutions, supporting payment workflows, financial data processing, and user-facing features that improved transaction reliability and user engagement.

Robotic Process Automation (RPA)

Developed and deployed RPA solutions to automate repetitive operational processes, reducing manual workload, minimizing errors, and improving overall system efficiency.

Junior Analyst (Internship)

Feb 2019 – May 2019

Kollect System Sdn Bhd

Product Requirement Analysis Support

Supported the product manager in gathering and analyzing user requirements, contributing to feature discussions, and translating user needs into clear, actionable specifications for development teams.

Testing & Quality Assurance

Participated in unit testing and system integration testing, executing test cases, identifying defects, and assisting in issue analysis to ensure functional and quality standards were met.

Defect & Issue Management

Assisted in triaging and resolving client-reported issues by documenting bugs, validating fixes, and communicating updates under senior developer guidance.

EDUCATION

Universiti Tenaga Nasional

2016 - 2019

Kajang, Selangor

- Bachelor of Computer Science (Software Engineering) (Hons.)

Universiti Tenaga Nasional

2015 - 2016

Kajang, Selangor

- Foundation in Computer Science