

Izzat Afifi Jamalul Lail

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SUMMARY

Frontend Engineer specializing in React, TypeScript, design systems, and frontend platforms. At Xsolla, I have served as interim technical lead, co-led a cross-platform design-system consolidation, and authored the founding Business Accounts SDK architecture. My work spans shared platform packages, microfrontends, developer tooling, and production reliability, with an emphasis on helping product teams adopt and maintain shared capabilities. Earlier project engineering experience shaped my approach to delivery and stakeholder communication. Based in Kuala Lumpur and open to engineering opportunities in Kuala Lumpur, Australia, Japan, and internationally. Currently learning Japanese.

EXPERIENCE

Xsolla - Frontend Developer / Frontend Platform Engineer

01/2024 - Present - Kuala Lumpur, Malaysia

- Served as interim technical lead for approximately six months before the Business Accounts Platform initiative, following the previous lead's transfer to another team. Coordinated team delivery, communicated with stakeholders, and led technical discussions and decisions. Conducted a technical interview and recommended hiring the incoming technical lead.
- Continued to provide technical direction during the initial Business Accounts Platform phase while the incoming lead onboarded, acting as a key point of contact for architectural decisions, implementation planning, and cross-location engineering coordination.
- Authored the founding Business Accounts SDK architecture and implementation plans and owned Core SDK delivery, defining responsibilities across three engineers and two repositories. Built shared packages for shell infrastructure, UI, routing, state management, localization, analytics, API integration, and BFF capabilities using pnpm and Turborepo.
- Drove a thin-host architecture that moved shared routing, authentication bootstrapping, polyfills, and Module Federation infrastructure into versioned SDK packages. Designed host and remote integration around legacy React 16 hosts and React 18 remotes, including runtime loading and shared dependency strategies.
- Co-led consolidation of 6–8 product UI systems into a shared design system for React and React Native, with extension support for Angular consumers. Led a delivery stream with two engineers alongside another lead and engineer, delivering the core library in under one month and supporting adoption and production rollout over the following two months ([Storybook](#)).
- Defined reusable component APIs, design-token transformation, and multi-brand light and dark themes, accounting for web/native differences and legacy React compatibility. Maintained shared components and adoption documentation and reviewed implementations for consistency and maintainability.
- Built the Business Accounts CLI, MCP server, and AI agent kits for scaffolding, validation, migration, and upgrades. Owned Changesets versioning, GitLab Package Registry publishing, merge-request preview packages, and release-train workflows, including checks that consuming applications had adopted required host changes.
- Delivered Publisher Account features and shared account surfaces spanning onboarding, account management, project switching, settings, members, agreements, payouts, login, and legal consent. Continued contributing to [Publisher Account](#) alongside Business Accounts development, including access investigations, integration readiness, and project-context reliability.
- Built shared platform capabilities for a Business Accounts ecosystem with approximately six live account experiences as of September 2026 and around 25 planned overall. Guided SDK adoption and migration across product teams, with rollout still in progress across the [account ecosystem](#).
- Implemented shared product analytics with Xsolla Metrika and frontend/backend observability using Datadog RUM and OpenTelemetry. Investigated production login and access incidents using Datadog APM and backend traces, helping isolate database and infrastructure issues and coordinate remediation with backend engineers.
- Mentored five Xsolla School graduates and supported Business Account teams through technical onboarding, delivery estimation, architectural guidance, code reviews, and internal documentation.

Interstate Solutions Sdn. Bhd. - Project Engineer

07/2019 - 03/2023 - Kuala Lumpur, Malaysia

- Managed ELV engineering project delivery from planning through installation, inspection, and handover, including work at Tun Razak Exchange Mall and Star Residences KLCC.
- Coordinated site delivery involving more than 100 workers, aligning clients, consultants, main contractors, and trade teams around schedules, dependencies, and technical requirements.
- Coordinated shop drawings, work method statements, consultant approvals, installation, testing, and final inspections.
- Resolved site coordination issues, translated complex requirements into actionable tasks, and communicated progress, technical constraints, and risks through stakeholder meetings and project reporting.

Security Marketing Sdn. Bhd. - Technical Support Engineer

06/2018 - 06/2019 - Kuala Lumpur, Malaysia

- Provided remote and on-site technical support for hotel and enterprise systems, diagnosing hardware, electrical, software, and programming-related issues.
- Supported installations, post-installation troubleshooting, and customer training, explaining technical issues clearly and following support requests through to resolution.
- Documented recurring issues and escalated complex incidents with reproduction steps, technical findings, and relevant context for implementation and support teams.

SKILLS

React • React Native • TypeScript • JavaScript • Next.js • HTML • CSS • Frontend Platform Engineering • SDK Architecture • Design Systems • Design System Migration and Adoption • Component Libraries • Design Tokens and Multi-brand Theming • Cross-platform UI • Storybook • Module Federation • Microfrontends • Webpack • Monorepo Architecture • pnpm • Turborepo • Changesets • GitLab Package Registry • GitLab CI/CD • CLI Tooling • MCP • AI Agent Tooling • Localization and i18n • Accessibility and WCAG Awareness • Cross-browser Compatibility • Performance Optimization • Product Analytics • Datadog RUM and APM • OpenTelemetry • Node.js • Express • REST APIs • BFF • Redux • TanStack Query (React Query) • Styled Components • Material UI • Tailwind CSS • Playwright • Jest • React Testing Library • Zod • Figma • Docker • Supabase • PostgreSQL • Technical Leadership • Stakeholder Communication • Technical Documentation • Code Review • Mentoring

PROJECTS

Kiddoly - kiddoly.app

- Built a React Native and Expo caregiving application for families with special-needs children. Developed picture-based communication boards, mood tracking, potty training logs, meal tracking, schedules, reminders, and child development reports. Implemented Supabase-backed household data management and premium feature gating.

SimpleResume - simpleresume.xyz

- Built a privacy-focused resume builder with structured editing, reusable resume data, PDF export, and job application tracking. Designed local-first storage and offline support so users can manage their resumes and applications on their own devices.

InspectorGecko - inspectorgecko.netlify.app

- Built a crypto intelligence dashboard using Next.js, TypeScript, and Tailwind CSS. Integrated CoinGecko APIs and developed market screening, watchlists, alert workflows, AI-assisted coin analysis, and research tools.

SettleHere - settlehere.my

- Built a platform that helps families evaluate residential locations through access to schools, commute distance, and suitability for their needs.

QuranSlide - quranslide.com

- Built a web-based Quran slide generator that helps teachers and speakers create presentation-ready content.

EDUCATION

Bachelor of Engineering (Mechanical & Manufacturing Engineering), University of New South Wales, Sydney, Australia

2018

Australian Matriculation in Engineering, INTEC Education College, Shah Alam

2013

Sijil Pelajaran Malaysia (SPM), MRSM Kuala Berang, Terengganu

2012

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COURSES

Certified Associate in Front-end Development - TalentLabs

2023

Data Science Training Program - 360DigiTMG

2022

Go Basics - Frontend Masters

2025

LANGUAGES

- English - Highly Proficient
- Malay - Native Speaker
- Japanese - Currently Learning

REFERENCES

Rashidi Rashid, Technical Lead

Xsolla, Kuala Lumpur

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Leonid Ratanov, Technical Lead

Xsolla, Kuala Lumpur

[linkedin.com/in/leonid-ratanov](https://www.linkedin.com/in/leonid-ratanov)