Abdurrahman Faqih Iskandar
Full-Stack Developer

Melbourne, VIC | (+61) 412305291 | abdurrahman.faqihbi@gmail.com
LinkedIn: linkedin.com/in/abdurrahman-faqih-iskandar
GitHub: https://github.com/faqihisaninja | **Portfolio:** afaqih.dev

SUMMARY

Frontend-focused Full-Stack Developer with 4+ years building modern web applications using React.js, TypeScript, and JavaScript (ES6+). Specialized in component-driven architecture, state management, and crafting intuitive user interfaces. Experience spans fintech, edtech, and startup environments, with a track record of reducing development time and delivering production-ready solutions.

WORK EXPERIENCE

Sole Developer, Beltap Capital   Feb 25 – May 25
- Engineered 3 POC Android applications in Kotlin to demonstrate VCode technology for government sector use cases (voter ID verification, taxation lookup, charity benefits distribution).
- Developed key features including dynamic UI rendering based on VCode scans, user authentication, and form validation to showcase technology capabilities during client pitches.

Freelance, Hyan Consulting Pte. Ltd.   Feb 25 – May 25
- Developed and deployed full-stack website using Next.js as sole developer, managing complete project lifecycle from requirements gathering to production deployment.
- Optimized website for SEO targeting competitive recruitment and compliance consulting keywords, achieving first-page Google rankings across Southeast Asian markets within 2 days of launch.
- Engineered custom UI/UX with brand integration and implemented backend functionalities including domain mapping and contact form system for client inquiries.

Software Engineer, Ractivi   Aug 23 – Apr 24
- Built client onboarding flow and course interface for 3 paid courses using SvelteKit, GSAP, and Supabase for early-stage edtech startup.
- Developed reusable component library reducing development time by 80% across 3-person engineering team, standardizing UI patterns for scalable course creation.
- Integrated AI-powered chatbot using ChatGPT API with contextual highlighting feature, enabling learners to ask questions about specific course content directly within the platform.
- Implemented custom animations and micro-interactions to enhance user experience and visual polish of pre-launch product.

Technology Graduate Associate (SEED), DBS Bank Ltd.   Jan 21 – Jun 23
- Built batch monitoring visualization platform using Angular, React.js, D3.js, and ElasticSearch, providing L1/L2 engineers with high-level overview of daily batch job status to identify failures and optimize rerun sequences.
- Developed tech debt monitoring dashboard using React.js, Chart.js, and MariaDB, enabling department-wide tracking of security compliance and reducing audit risk management overhead from hours to real-time visibility.
- Automated batch delay reporting feature that parses system logs and generates pre-formatted emails, reducing L1 lead's daily reporting process from 45+ minutes of manual log analysis to one-click approval.

- Engineered Hadoop API data pipeline using Python and cron schedulers to extract low-level batch metrics, feeding Grafana dashboards for granular performance analysis.
- Managed CI/CD deployment pipeline using Jenkins across multiple environments, ensuring reliable production releases.

Backend Developer (Volunteer), Project Kampong   **Aug 20 – April 21**
- Implemented OAuth 2.0 authentication (Google/Facebook) and maintained backend infrastructure for community platform.
- Led biweekly scrum meetings and managed task coordination using Asana for distributed volunteer development team.

PROJECTS

Medical Conference Directory
- Built and deployed production-ready Next.js application with Firebase and Typesense, featuring advanced search/filtering, role-based admin authentication, and bulk data management tools for medical event discovery.

3D Audio Visualizer
- Developed interactive web application using Next.js and Three.js to generate real-time 3D visualizations from user-uploaded audio files, demonstrating creative use of WebGL and audio processing APIs.

APK Malware Detection System
- Built ML-powered Android malware detection API using Python, FastAPI, and XGBoost; containerized with Docker and deployed to Google Cloud Run as publicly accessible service.

EDUCATION

Swinburne University of Technology   **Jul 23 – Jun 25**
Master of Information Technology

National University of Singapore (NUS)   **Aug 16 – Dec 20**
Bachelor of Engineering (Mechanical), Honours
2nd Upper Class Honours
GPA: 4.25 / 5.0

SKILLS

Frontend: React.js, Next.js, Angular, Vue.js, SvelteKit, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS
Backend: Node.js, Express.js, FastAPI, Python, REST APIs, Microservices
Databases: PostgreSQL, MySQL, MongoDB, Firebase, Firestore, ElasticSearch, MariaDB
Cloud & DevOps: AWS, Google Cloud Platform (GCP), Docker, Jenkins, CI/CD, Vercel
Additional: Git, Agile/Scrum, JIRA, Confluence, D3.js, Three.js, Chart.js, GSAP