

Abdurrahman Faqih Iskandar

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SUMMARY

Full-Stack Developer with 4+ years experience building web applications using React.js, Node.js, and TypeScript. Proven track record in frontend development, API integration, and delivering scalable solutions for fintech and consulting clients.

WORK EXPERIENCE

Sole Developer, Beltap Capital

Feb 25 – May 25

- Engineered three distinct Proof-of-Concept (POC) Android applications in Kotlin, demonstrating their VCode technology to potential clients and securing business opportunities.
- Developed core application functionalities such as dynamic UI rendering based on VCode scans, simulated user authentication with SharedPreferences, and comprehensive form validation.

Freelance, Hyan Consulting Pte. Ltd.

Feb 25 – May 25

- Developed and deployed a custom website solution for Hyan Consulting Pte. Ltd. Using Next.js, serving as the sole developer responsible for full project lifecycle.
- Designed and implemented custom UI/UX, integrating brand elements to create an intuitive and visually appealing user experience.
- Optimized website content for SEO and configured Google crawlers, significantly enhancing search engine visibility and discoverability.
- Engineered and integrated essential backend functionalities, including domain mapping and an email contact form framework for seamless client communication.

Software Engineer, Ractivi

Aug 23 – Apr 24

- Designed and developed user interface for onboarding of clients and paid courses using SvelteKit, GSAP and Supabase.
- Created custom animations using built-in Svelte animations and GSAP to enhance user experience and improve the visual appeal of the user interface.
- Designed and developed reusable customizable components in the code base for company wide use to reduce development time by 80%.
- Incorporated an AI-powered chatbot leveraging the ChatGPT API to provide real-time assistance to users within the context of the specific course materials to improve the learner experience on the platform.

Technology Graduate Associate (SEED), DBS Bank Ltd.

Jan 21 – Jun 23

- Developed a visualization platform for a batch monitoring system using Angular, React.js, D3.js, FastAPI and Elasticsearch to visualize batch run data, allowing users to quickly identify bottlenecks in batch runs and rectify them.
- Designed and developed a monitoring platform to display and visualize existing tech debts using Angular, React.js, Chart.js, Express.js and MariaDB for senior management to quickly have an overview of the health of the tech security in the department which would otherwise have taken hours to obtain.
- Scraped data from Hadoop APIs using Python and cron schedulers in order to extract useful metrics to be transformed and displayed on Grafana for analysis.
- Integrated a batch delay reporting feature into the visualization platform for L1 support teams to automatically send out delay reports with just one click of a button

- Managed and maintained the CICD deployment pipeline of projects into multiple different environments using Jenkins.

Backend Developer (Volunteer), Project Kampung

Aug 20 – April 21

- Implemented OAuth 2.0 login (Google/Facebook) and maintained backend scalability.
- Led biweekly scrum meetings and managed tasks using Asana to ensure smooth team coordination.

PROJECTS

Medical Conference Directory

- Built and deployed a full-stack Next.js app with Firebase and Typesense, featuring search, filters, role-based admin access, and CRUD/bulk management tools.

3D Audio Visualizer

- An interactive web application using Next.js and Three.js to render real-time audio visualizations of songs uploaded by users.

APK Malware Detection System

- Engineered a hybrid machine learning system (Auto Encoder + XGBoost) with FastAPI frontend to detect malicious Android applications with high accuracy.
- Implemented automated APK decompilation pipeline using APKtool for feature extraction and malware classification with probability scoring.
- Containerized the complete solution with Docker and deployed to Google Cloud Run, creating an internet-accessible malware detection API service.

EDUCATION

Swinburne University of Technology

Jul 23 – Jun 25

- Masters of Information Technology

National University of Singapore (NUS)

Aug 16 – Dec 20

- Bachelor of Engineering (Mechanical), Honours
- 2nd Upper Class Honours
- Cumulative Average Point (CAP): 4.25 / 5.0

SKILLS

Frontend: React.js, Angular, Vue.js, SvelteKit, JavaScript (ES6+), TypeScript, HTML5, CSS3

Backend: Node.js, Express.js, FastAPI, Python, REST APIs

Databases: MariaDB, PostgreSQL, MySQL, MongoDB, Firebase, ElasticSearch

Cloud & Tools: AWS, Google Cloud Platform, Docker, Jenkins