

# ANWAR ABDULLAH N

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## SUMMARY

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**Full-Stack Software Engineer** with over **6 years of professional experience** in developing and maintaining scalable web and mobile applications, specializing in the **JavaScript** and **TypeScript** ecosystems. I have hands-on expertise in designing microservices, integrating third-party APIs, and building modern frontend interfaces using **React.js**, **Vue.js**, and **Node.js**. Actively leverage AI tools to boost productivity, streamline debugging, and accelerate development workflows. *Always eager to learn new technologies*. Fluent in English and Bahasa Indonesia, and comfortable working both independently and collaboratively in a team setting and currently based in Batam, Indonesia.

## EXPERIENCES

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### **Software Engineer - (Freelance - Project Base)**

**News Factory.** (Bucharest, Romania - Remote)

August 2025 - November 2025

- Maintaining "Victor (*Video Creator Robot*)" a Video Generator Automation Script using Typescript. Make the News Videos Creation 100% Automated.
- Developed Company Profile website using [Next.js](#), Shadcn-ui, TailwindCSS
- Developed Company Blog CMS using Strapi

### **Software Engineer (Fulltime)**

**Vouch Sg Pte. Ltd.** (Singapore - Remote)

April 2020 - July 2025

- Designed and maintained *POS Integration Microservice* for 3rd-party Hotel Point-of-Sale providers, Integrated 3+ Point-of-Sale providers including Oracle Micros Symphony and Shiji Infrasys using Nest.js, and MongoDB.
- Developed and maintained *Payment Microservice* integrating Stripe, Fiserv, and Reddot Payment gateways, ensuring secure and scalable transactions with Nest.js and MongoDB.
- Migrated and developed a multilingual overseas *Contactless Dining* in Hotels, from Express.js & React.js to Ts.ed (TypeScript), MongoDB, Redis, & Vue.js (since Nov 2021).
- Built and maintained *Hotel Facility Booking* solutions with Ts.ED (TypeScript), MongoDB and Vue.js.
- Enhanced and maintained *Housekeeping Management Web App*, with new features for hotel operations using Ts.ED (TypeScript), MongoDB and Vue.js.
- Built and maintained a *Core Design Component Library* used across multiple products, supporting Vue 2 and Vue 3, utilizing Vue.js, Vue-Demi, Storybook and Tailwind CSS.
- Used *Feature Flags* to manage feature rollouts safely, enabling selective merchant access, easy rollbacks in case of issues, A/B testing, and smoother deployments.

- Built and supported *Bespoke Upselling Platform*, a web app to sell hotel room upgrades, services, and promos using Ts.ED (TypeScript), AWS SES and Vue.js.
- Maintained and extended a *Live Chat Web App* enabling real-time communication between hotel staff and guests using Express.js, React.js, and Socket.io.
- Supported and enhanced the *Vouch Admin Portal*, improving admin workflows using Express.js and HTML Pug.
- Utilized AI tools like Cursor, ChatGPT and Claude Code to accelerate development, enhance code quality, and boost productivity.
- Wrote unit tests for both frontend and backend to ensure code quality, reliability and minimum 80% code coverage across all projects.
- Actively participated in the pull request process—submitting code for review and providing constructive feedback to maintain code quality and consistency.
- Led and participated in tech sharing sessions within the development team to encourage knowledge exchange and growth.
- Coordinated with external development teams during system integrations.

### **Junior Software Engineer - (Fulltime)**

*Versafleet Pte. Ltd.* (Singapore - Remote)

September 2019 - March 2020

- Developed and enhanced *Versafleet* Admin Portal Web App to streamline task assignments, fleet tracking, and driver management using React.js.
- Delivered key updates for *VersaDrive* (Mobile App), enabling drivers to complete tasks efficiently via React Native (Expo framework).
- Built and maintained reusable UI components for *Versafleet Confluér*, a shared core component library used across multiple products (React.js).
- Integrated external systems via AWS Lambda and Node.js, improving real-time communication with third-party logistics partners.
- Collaborated with cross-functional teams in an Agile environment to identify product gaps and deliver solutions under tight deadlines.

### **Mobile Developer - (Fulltime)**

*Business Connectivity Pte Ltd.* (Singapore - Remote)

June 2019 - September 2019

- Developed and maintained RESTful APIs using Express.js to facilitate communication between frontend and backend.
- Designed and structured relational MySQL databases to support scalable data flow for vendor-product listings.
- Built mobile applications for end users using Flutter, implementing Provider for robust and reactive state management.

### **Backend & Android Developer - (Fulltime)**

*PT. Indonesia Villa Jaya - VillaCorp* (Batam)

October 2018 - February 2019

- Maintained and developed new backend features for HR system modules including attendance, payroll, and employee records using PHP and MySQL.

- Refactored existing backend logic to improve maintainability and reduce data redundancy in HR workflows.
- Designed and developed Android mobile apps using Kotlin, enabling employees to view payslips, submit leave requests, and update profiles.
- Integrated secure authentication and role-based access for different employee levels on both backend and mobile apps.
- Collaborated with HR teams to gather requirements, troubleshoot issues, and iterate on system improvements.

### **Junior Programmer - (Internship)**

*PT. Global Teknologi Media Baru - Fingerfast Laboratory*  
(Batam)

**July 2017 - October 2017**

- Assisted in building *SANTUN* (Sistem Antrian Tukar Uang), a mobile queue system for currency exchange at Indonesian Banks using Android Native (Java).
- Contributed to the development of *BPKB Online*, an app for vehicle ownership document verification for the Regional Police, built with Android Native (Java).
- Coordinated with senior developers to understand API structures, data formats, and backend response structures.
- Conducted basic UI/UX adjustments to improve usability and responsiveness on Android apps.
- Participated in debugging, testing, and iterative deployments to enhance app reliability in production environments.

## **EDUCATION**

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**Bachelor Degree**

**2014 - 2018**

*Multimedia and Network Engineering* (Batam State Polytechnic)

## **SKILLS**

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- **Frontend Development:** React.js, Next.js, Redux, Zustand, Vue.js, Pinia, Vite, Shadcn-UI, Tailwind CSS, Flutter, React Native, Android Native.
- **Backend Development:** Node.js, Express.js, Typescript, Javascript, Nest.js, Ts.ED, Golang, PHP.
- **CMS:** Strapi
- **Mobile Development:** React Native, Flutter, Android (Java/Kotlin).
- **Database:** PostgreSQL, MySQL, MongoDB, Redis.
- **Messaging & Communication:** SMTP, Email Sending, Slack Webhook, Google Chat Webhook.
- **Cloud & Storage:** AWS S3, Supabase Bucket, Cloudinary.
- **Testing:** Jest, Mocha, Chai, Selenium.
- **Design Tools:** Figma, Adobe XD.
- **Dev Tools & Practices:** Git, Agile/Scrum, Jira, CI/CD, Postman, Hopscotch, Docker, AWS, Supabase.
- **AI/Dev Productivity Tools:** Cursor, AI-assisted debugging & code generation.

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- **Architecture & System Design:** Microservices, Modular Component Systems, Third-Party API Integrations.
  - **Soft Skills:** Communication, Teamwork, Problem-solving, Time Management, Self-learning.