RAHMAD AL HABIB KHASARY

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I'm ABE, a software engineer born in Jakarta on August 13, 1998, and currently based in Cibinong, Bogor. I specialize in building (and occasionally designing) exceptional websites, applications, and everything in between. I’m passionate about solving real-world problems through technology and have hands-on experience across the full stack

# Work Experiences

**PT Cipta Pernika Nusantara** Aug 2020 – Apr 2025

*Full Stack Developer*

* Developing a port monitoring platform with React.js, Laravel, Node-Red, and Python. integrating CCTV and AIS for real-time surveillance, vessel tracking, and operational oversight.
* Built a cloud-based fleet tracking and communications web portal with a dynamic mapping system, enabling operators to monitor and manage vessels and field devices in real time.
* Developed a centralized command center dashboard for operators to track, view, and communicate with single field units or global fleets.
* Integrated radio data link systems for remote communications.
* Created an e-commerce platform for satellite tracking and communication devices, including cart, order, and payment modules.
* Built a condition monitoring system to track fuel levels, engine performance, and equipment status onboard vessels.
* Designed and implemented a hybrid CCTV + GPS system, enabling synchronized video and geolocation data capture for fleet and vessel monitoring.
* Developed the Vessel Office Integration System to streamline reporting, crew management, and operational logs.
* Led the integration of multiple data streams (AIS, ADS-B, Radar) into a single interface to support decision-making and improve operational efficiency.

**PT Artha Semesta Puana** Aug 2022 – Nov 2023

*Freelance Frontend Developer at PT Bank Sinarmas Tbk*

* Developed and maintained a Retail Core Loan System front-end using React.js, TypeScript, and Redux, ensuring robust performance and scalability
* Collaborated closely with backend and QA teams to implement loan application workflows, customer onboarding, and loan approval interfaces
* Translated complex financial and business logic into clean, maintainable UI components, improving user experience for internal banking staff.

**PT Pindai Media Komunika** Dec 2019 – Aug 2020

*Programmer*

* Developed a social media monitoring system to track and analyze brand mentions, sentiment, and trends across platforms like Twitter, Facebook, and Instagram.
* Created data parsing and aggregation tools to collect, normalize, and store social media data in real time.
* Built dynamic dashboards and visualizations to help clients understand engagement metrics, public sentiment, and media coverage.

**PT Azimuth Solusi Indonesia** Aug 2017 – Dec 2019

*Senior Programmer*

* Developed KPI monitoring tools and operator tracing systems for Yamaha factories, enabling real-time tracking of performance metrics and production line efficiency.
* Created a Yamaha QR Code system that displays product details upon scanning, enhancing traceability and customer information access.
* Built a company profile website for Yamaha Motor Parts, showcasing their product catalog, company background, and service offerings with a modern, responsive design.

**Freelance** Jun 2016 – Aug 2017

*Full Stack Developer at Keboen Coding*

* Developed an online clinic platform for the National Resilience Institute (Lemhannas), supporting remote medical consultations and patient data management
* Built the BNI Mystery Call Service Quality Division system to assist in evaluating and monitoring customer service performance.
* Created the Berita Depok news portal, including content management, search features, and responsive layout for mobile and desktop users.

# Education Level

**Indraprasta PGRI University**

*Bachelor of Information Technology, 2020 (GPA: 3.54/4.00)*

# Additional Information

**Profesional Skills**

* TypeScript
* JavaScript (ES6+)
* NodeJS
* Laravel
* Node RED
* React
* React Native
* Electron
* MongoDB
* MySQL & PostgreSQL
* PHP