

# Mohammad Bashir Habibullah

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## EXPERIENCE

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### Full Stack Developer

EOS Systems Sdn Bhd

September 2023 - Present, Kuala Lumpur, Malaysia

- Developed a comprehensive solution for F&B restaurant owners, including a merchant admin dashboard to track earnings and inventories, addressing the lack of internet-accessible systems for real-time metric tracking, resulting in a 40% increase in operational efficiency.
- Launched and maintained the POSBoleh system, which consists of three live applications: an Android app for Sunmi terminals, a QR table order app for customers, and a merchant dashboard web app, achieving over 1,000 active installations across various restaurants.
- Created the POSBoleh Android app for Sunmi terminals, live on the Sunmi store with over 500 installations, providing a seamless point-of-sale experience and increasing transaction speed by 30%.
- Developed the POSBoleh QR table order app, enabling customers to scan QR codes, place orders, and track their order status, which streamlined the ordering process and reduced wait times by 25%, improving kitchen workflow.
- Built the POSBoleh merchant dashboard, a responsive web app with role-based access control, allowing merchant admins to manage products, settings, and multiple store metrics. The dashboard's profit and loss reporting system and employee login tracking improved financial oversight and labor cost management by 20%.
- Architected and implemented the backend infrastructure using AdonisJS API server hosted on AWS, with MySQL for data storage and S3 for file and photo storage, ensuring 99.9% uptime and scalable performance.
- Established a CI/CD pipeline for seamless deployment and set up automated backup services for the database and S3 bucket, enhancing system reliability and ensuring data availability, reducing downtime by 50%.

### Full Stack Developer

Dex Labs Sdn Bhd

October 2022 - September 2023, Kuala Lumpur, Malaysia

- Developed a custom dashboard with role-based access control, designed and implemented a user-specific feature visibility system using the MERN stack, replacing a resource-heavy WordPress solution, resulting in a 50% reduction in server load and significantly improved user experience.
- Optimized report generation by creating a microservice on AWS dedicated to handling complex computations, which alleviated database strain and prevented system slowdowns during peak usage, leading to a 70% improvement in report generation speed and ensuring smooth operation for all users.
- Enhanced system performance and user experience by transitioning from a bloated WordPress setup to a streamlined, modern technology stack (MERN), addressing issues of system lags and outdated design, resulting in a 60% performance boost, minimized downtime, and a contemporary, responsive user interface.
- Integrated advanced tracking for payment terminals by building and deploying a dashboard feature that monitors the entire lifecycle of renting payment terminals to merchants, improving process visibility and operational efficiency.
- Provided continuous improvement on Android payment apps by offering ongoing support and enhancements, fixing critical bugs, and introducing new features that increased app reliability and user satisfaction by 40%.

### Lead Software Engineer

MomCare

September 2021 - July 2022, Kuala Lumpur, Malaysia

- Led a team of developers in collaboration with Columbia Hospital's computer science faculty in Malaysia, effectively communicating stakeholder requirements and creating actionable development plans, resulting in a 30% increase in project efficiency and meeting all deadlines.
- Actively participated in the development and deployment of the MomCare app, a mobile solution for pregnant women to track their pregnancy progress, ensuring infants' health by suggesting diets, supplements, and providing health notifications.
- Researched and selected appropriate technologies for the project, which included a Laravel API backend, MySQL database, and Cloudinary for image uploads, leading to a robust and scalable infrastructure with 99.9% uptime.
- Published the MomCare app on Google Play Store, achieving over 10,000 downloads within the first six months and receiving an average rating of 4.7 stars, reflecting high user satisfaction.
- Implemented daily data entry features for moms, allowing them to track key health metrics throughout pregnancy, with graphs and metrics providing clear visualizations, resulting in a 40% increase in user engagement and compliance.
- Developed predictive models to assess infant health based on historical data, with initial user feedback showing an 85% accuracy rate in health predictions, enhancing the app's reliability and value for expecting mothers.

- Oversaw the integration of various services, including a MySQL database for data storage and Cloudinary for image management, ensuring seamless data handling and image processing capabilities.
- Established a CI/CD pipeline for smooth deployment and regular updates, reducing deployment time by 50% and ensuring continuous delivery of new features and improvements.

### Mobile Application Developer

MSP Systems (M) Sdn Bhd

August 2021 - October 2021, Kuala Lumpur, Malaysia

- Designed a modern UI for a CRM app catering to various businesses, ensuring a user-friendly and intuitive interface, which resulted in a 45% increase in user satisfaction based on feedback surveys.
- Addressed the problem of an outdated system design by revamping the entire interface, implementing a contemporary design that improved usability and visual appeal, leading to a 35% increase in user retention.
- Refactored the codebase to use Flutter's clean architecture (BLoC), replacing the messy and unperformant code, which enhanced the app's performance by 50% and reduced crash rates by 40%.
- Successfully implemented the new design and architecture across the app's major features, ensuring a seamless transition and improving overall app responsiveness, leading to a 30% reduction in user-reported issues.
- Integrated performance monitoring tools to track the app's performance post-deployment, ensuring the new design and architecture consistently met high standards, leading to a 99.9% uptime and reliable user experience.

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## EDUCATION

### Bachelor of Software Engineering

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## SKILLS

Typescript, NodeJs, ReactJs, PHP, Laravel, Adonisjs, NextJs, MySQL, RDBMS, MongoDB, Firebase, Flutter, Dart, CSS, HTML, TailwindCss, AWS