



# MOHAMAD JOHARI BIN MOHD SABRI

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**Portfolio:** <https://github.com/jodayyy>

## SUMMARY

Motivated Computer Science graduate with a solid foundation in programming, algorithm design, and software development. Experienced in collaborating on innovative projects and implementing efficient solutions to complex problems. Passionate about leveraging technology to create impactful applications in real-world settings.

## EDUCATION

<b>Bachelor of Computer Science (Hons.)</b> UiTM Shah Alam <ul style="list-style-type: none"><li>CGPA 3.30</li></ul>	<b>Mar 2022 - Jun 2024</b>
<b>Diploma in Computer Science</b> UiTM Kampus Samarahan 2 <ul style="list-style-type: none"><li>CGPA 3.35</li></ul>	<b>Sep 2019 - Feb 2022</b>

## TECHNICAL SKILLS

- Programming Languages:** Python, Java, C++, JavaScript, SQL, HTML/CSS, PHP, Kotlin
- Database:** MySQL, PostgreSQL, MongoDB
- Software Developing Tools:** Git, Visual Studio Code, NetBeans, Android Studio
- Other Skills:** Machine Learning, API Development and Automation, Natural Language Processing, Artificial Intelligence, Mobile Application Development, System Development, Software Testing and Debugging

## WORK EXPERIENCE

<b>Repayment Section Intern - Yayasan Sarawak</b> <ul style="list-style-type: none"><li>Assisted in repayment operations, including generating and managing repayment notices.</li><li>Automated the processing of repayment letters by developing an app to scan and transfer data into Google Sheets.</li><li>Provided support in streamlining workflows for the repayment section.</li></ul>	<b>Mar 2024 - June 2024</b>
<b>I.T Department Intern - Pustaka Negeri Sarawak</b> <ul style="list-style-type: none"><li>Assisted with IT operations, including software installation and troubleshooting technical issues for staff.</li><li>Developed an online system for generating certificates for event participants, reducing manual workload.</li><li>Supported the maintenance of IT infrastructure and provided solutions to daily technical challenges.</li></ul>	<b>Sep 2021 - Feb 2022</b>
<b>Front-End Developer - Infollective Solutions Sdn. Bhd.</b> <ul style="list-style-type: none"><li>Developed and maintained scalable, modular front-end features using Next.js, React, and TypeScript for a complex ERP system.</li><li>Implemented dynamic forms, role-based access control, and reusable UI components, enhancing maintainability and reducing development time for new features by 30%.</li><li>Collaborated cross-functionally with backend, QA, and product teams to translate business requirements into responsive, accessible UIs with optimized performance and SEO using server-side rendering and API integration.</li></ul>	<b>Jan 2025 - Present</b>

## PROJECTS

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### Speech Emotion Recognition Using Machine Learning

- Built a machine learning model using TensorFlow and Scikit-learn to classify speech into emotional categories.
- Preprocessed audio data and optimized the model to achieve high accuracy in recognizing emotional speech patterns.

### StarCraft 2 Training System A.I Development

- Designed an A.I. module with reinforcement learning to simulate advanced strategies for a training platform.
- Integrated A.I. capabilities to improve decision-making, offering users a dynamic and challenging training experience.

### Repayment Letter Automation App

- Developed an app to automate repayment letter data transfer into Google Sheets, reducing manual workload.
- Improved the repayment section's operational efficiency and minimized errors with seamless data automation.

### Online Certificate Generation System

- Created a system using Django and MySQL to automatically generate certificates for event participants.
- Reduced administrative workload by automating the process of certificate generation and delivery.

### Offline Blood Donor Tracking App

- Built a mobile app using Android SDK to track donation events and maintain offline user records.
- Designed an intuitive interface for users to monitor their blood donation history and upcoming events.

### Real-Time Sign Language Detection

- Developed a machine learning-based system for real-time sign language gesture detection using Python.
- Applied deep learning techniques to accurately recognize and classify hand gestures for sign language.

### Frequency Analysis Tool

- Built a Python-based tool for analyzing and decrypting substitution ciphers, including Caesar cipher decryption.
- Enabled efficient decryption of encrypted text through analysis of frequency patterns and character occurrences.

### Laravel Basic Product System

- Created a product management system using the Laravel framework, showcasing full-stack development capabilities.
- Implemented CRUD operations to manage products, categories, and inventory in a user-friendly interface.