

FARHAN NASHRUL BIN GHAZALI

+60175703844 | farhannashrul1003@gmail.com | Petaling Jaya, Selangor

www.linkedin.com/in/farhan-nashrul-ghazali

SUMMARY

A dedicated and technically proficient Computer Science graduate specializing in Mobile Computing with a CGPA of 3.44 from Universiti Teknologi MARA (UiTM). Demonstrated expertise in mobile app development, IoT projects and web development. Proven problem solving abilities and a strong understanding of development processes through hands-on experience. Looking to apply technical and analytical skills in development role to contribute to innovative software solutions.

EDUCATION

Universiti Teknologi MARA (UiTM)

Oct 2020 - Feb 2024

Bachelor of Computer Science (Hons.) Mobile Computing

CGPA: 3.44 | Dean's List: 3 out of 6 Semester

Key Courses: Mobile Application Development, Mobile Database Systems, Software Project Management, Mobile Computing Security, Advanced Mobile Application Development, Responsive Web Application Development, Data Mining, Internet of Things (IoT), Business Intelligence.

Perlis Matriculation College

May 2019 - Mar 2020

Computer Science Module

WORK EXPERIENCE

HariWang Malaysia

Aug 2024 - Present

Web Developer

- Designed and developed the back-end architecture for an NFC-based business card exchange platform, ensuring smooth integration with front-end systems.
- Collaborated with cross functional teams to ensure the NFC solution met user requirements while maintaining scalability and security.
- Designed and implemented user management systems with CRUD operations, including adding, editing and deleting users, using PHP and MySQL, ensuring secure handling of data through prepared statements and input validation.
- Developed and maintained a dynamic employee management application using Angular for frontend functionalities and ASP.NET Core with PostgreSQL for backend integration, implementing CRUD operations and ensuring a responsive, user-friendly interface.
- Integrated frontend and backend systems through RESTful APIs and database migrations, enabling seamless data exchange and storage and conducted client onboarding sessions to facilitate efficient application usage and understanding.

Universiti Malaysia Perlis

Sep 2023 - Feb 2024

Industrial Trainee

GPS Tracking Application

- Improved a family tracking app using Android Studio and integrated Google Maps API with Firebase.
- Implemented geofencing features, allowing real-time tracking with adjustable radii and notifications.
- Enhanced security by applying encryption and authentication, ensuring robust data protection.
- Added real-time notifications for tracking user movements within or outside geofenced areas.

IOT Automatic Cat Feeder

- Developed and coded an automatic cat feeder prototype using ESP32 and integrated it with an Android app.
- Connected the ESP32 to servo motors and added features for time-based food dispensing.
- Improved hardware performance with real-time tracking and alerts when food was dispensed.
- Ensured seamless operation of the feeder even without Wi-Fi, enhancing the reliability of the device.

PROJECTS

On Demand Home Services Mobile Application Using Geolocation (Final-Year Project)

- Developed a mobile application to facilitate booking and scheduling of home services such as cleaning, plumbing, and electrical.
- Implemented geolocation features to help users efficiently locate service providers in their area.
- Developed a user-friendly interface with intuitive navigation to enhance the overall user experience.
- Implemented a rating and review system to allow users to provide feedback and improve service quality.

UiTM Community Chat Mobile App

- Created a mobile application using Flutter to enable real-time communication for UiTM students and staff.
- Developed features for direct messaging, group chats to support varied communication needs.
- Integrated Firebase as the backend to manage user data, ensuring scalability and reliable performance.

Tenant Finder Mobile App

- Built a mobile app using Flutter to connect tenants with property owners for rental opportunities.
- Integrated filters based on location, price, and property type to provide a tailored search experience.
- Designed a seamless user interface showcasing property details, images, and contact options for ease of use.
- Incorporated a secure sign-in process and review system to build trust and transparency within the platform.

SKILLS

Tools: Visual Studio Code, Visual Studio, Android Studio, Arduino IDE, Weka, Power BI, Github

Programming Skills: Java, HTML, CSS, PHP, TypeScript, C#, C++, Dart

Databases: Firebase, phpMyAdmin, PostgreSQL

Microsoft: Words, Excel, Access

CERTIFICATIONS

Software Testing Tutorial | Great Learning

Flutter For Beginners | Great Learning

Power BI for Beginners | Simplilearn

Introduction of Internet of Things | Cisco

LANGUAGES

Malay

English