



## Mohamad Zakir Zikri Bin Ibrahim

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### EDUCATIONAL BACKGROUND

#### Universiti Sains Malaysia (USM)

(Sept 2019 - Sept 2023)

Bachelor of Computer Science (Hons)

Major: Artificial Intelligent Minor: Psychology

CGPA: 3.19

#### Kolej Matrikulasi Kedah (KMK)

(April 2018 - April 2019)

Module 2: Computer Science, Physics, Mathematics, Chemistry

CGPA: 3.63

### AWARDS & ACHIVEMENTS

- Bronze Award for Project Innovation & eXploration Education Learning PIXEL (2023)
- Dean's List Award for Undergraduate Study (2021)

### CERTIFICATES

#### Train & Place Upskilling Program - USAINS SDN BHD

(Dec 2023 – Jan 2024)

Embedded Systems & IoT Track

- Essentials of Analog Circuit Design, Component Parameters for Critical Selection
- Signal Conditioning with Operational Amplifiers, Programming, and Interfacing ARM Cortex-M Microcontrollers
- Internet of things, Networking Embedded Systems with Bluetooth Low Energy,
- Visualizing Dynamic Data with Webpages BLE and Internet Communication with Smartphones,
- Fundamentals of JavaScript, C Programming for Engineers,

#### Web Development

(2022)

- Training in web development, Covers HTML, CSS, JavaScript, and more.

#### Design with CSS

(2022)

- Focuses (CSS) includes layout, design principles, and responsive design.

#### Fundamental of Azure Microsoft

(2021)

- Topics include cloud services, virtual machines, storage and provides essential insights into Azure concepts.

### WORK EXPERIENCES

#### ZHULIAN MARKETING (M) SDN BHD

(Mar 2024 – Current)

Web Programmer

- Successfully built and completed a mini project for web-based platforms utilizing ASP.NET Core.
- Restructure and redesigned the database structure to optimize the entire system.
- Enhance the existing system for more efficient marketing and management of ZHULIAN products.

#### VISIONLYTICS SDN BHD

(Mar 2022 - Sept 2022)

Software Developer Trainee (Industrial Intern)

- Accomplish Built Booking System for a major client that can be used in mobile and web-based platforms.
- Successfully developed a dashboard system for Clinic for real-time monitoring and efficient data visualization.
- Handle labeling images for training and testing a model dataset.

## HARD SKILLS

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**Programming** : C++, Java, Python, C#, PHP, C, JavaScript, HTML, CSS, Dart, MySQL, Firebase, Hosting, Microsoft SQL

**Software & Tools:** Visual Studio Code, Visual Studio, Android Studio, MATLAB, TensorFlow, Roboflow, OrCAD, Figma, Canva, Filmora, Capcut, Visual Paradigm.

**Others** : Bootstrap, Laravel, Flutter, ASP.NET, Xamarin, WordPress, Video Editing, Microsoft Office, Word, Excel, Power Point, Azure, API, GitHub, Photoshop Adobe.

## SOFT SKILLS

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- **Work effectively within teams:** Contribute constructively, share ideas openly, and actively listen to team members.
- **Problem-solving:** Work collaboratively to identify and solve complex problems, leveraging the strengths and expertise of diverse team members.
- **Creativity:** Explore innovative solutions and adapt to changing requirements.
- **Organizational skills:** Stay organized by using appropriate tools and techniques to manage your workflow and workload.
- **Independent learning:** Take initiative to learn new things outside of the classroom through online resources, courses, and personal projects.
- **Language** : Bahasa Malaysia (Fluent), English (Fluent)

## PROJECTS

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### PROJECT OF DURIAN FRUIT RECOGNITION SYSTEM (FYP PROJECT) (2023)

- Develop project of classification of durian type for 5 classes in mobile app and integrate with API.

### PROJECT OF VL CLINIC SYSTEM WEB AND MOBILE (INTERN PROJECT) (2022)

- Develop complete system of clinic appointments and dashboards.

### PROJECT OF ECOMMERCE MOVIE TICKET USING ASP.NET (2024)

- Develop complete mini project of movie ticket on web-based platform.

### PROJECT OF SEARCH ENGINE IN WEBSITE USING SOLR (2023)

- Develop project of search engine based on anime dataset.

### PROJECT OF DONATION WEBSITE (CESTINO) (2021)

- Develop project of Innovation Project and Study for Sustainability

### PROJECT OF STICKY NOTES WEBSITE WITH BETTER SECURITY (2020)

- Develop project of Principle Computer Network and Information Security

### PROJECT OF GAMES DRAGON HUNTER USING JAVA (2019)

- Develop and enhance the existing project of Integrated Software Development

## EXTRACURRICULAR INVOLVEMENT

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### Exco Assistant for Himpunan Anak – Anak Kelantan (HAAK) Club

- I actively contributed to the organization's growth and impact by taking on various responsibilities. I played a key role as a facilitator in the major event "Kem Motivasi Haak USM," guiding activities and discussions. Moreover, I participated in other events, making valuable contributions to their success.

### Active Member for Adikarma Dance Club

- I have been an integral part of the club's activities and initiatives. Participated in regular dance rehearsals, honing technical skills and mastering choreography in various dance styles.

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### Volunteer in Hari Sukan Keluarga Malaysia 2022

- I played a pivotal role in contributing to the successful execution of this prominent community event. This experience provided me with the opportunity to give back to society, collaborate with diverse teams, and enhance my organizational skills.

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### Pusat Pembangunan Hebat (HDC)

- I actively participated in various projects and events that aimed to promote personal and professional development among individuals.

## REFERENCES

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**Prof Dr Putra Sumari,**  
FYP Supervisor & Lecturer,  
Computer Sciences Department USM,  
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