

# AZMIL AFIFI

## FRONTEND DEVELOPER



### CONTACT



+6019 - 283 5994



azmilafifi@gmail.com



Kuala Lumpur, Malaysia

### ADDITIONAL INFO

**GitHub:**  
azmilafifi

**ResearchGate:**  
[http://www.researchgate.net/profile/Azmil\\_Afifi](http://www.researchgate.net/profile/Azmil_Afifi)

**Portfolio:** [azmilafifi.github.io/react-portfolio-website-1](https://azmilafifi.github.io/react-portfolio-website-1)

### EDUCATION

**Center of Foundation, International Islamic University Malaysia (CFS IIUM)**  
2014 - 2015  
Foundation in Engineering and Computer Science

- Dean's List: 2014 - 2015
- Graduating CGPA: 3.90

**International Islamic University Malaysia**  
2015 - 2019  
Bachelor of Aerospace Engineering

- Dean's List (2015)

### ABOUT ME

As a motivated professional with an engineering background and 4 years of IT experience, I am now exploring web and mobile app development, particularly focusing on frontend development. I excel in analyzing and solving complex problems, whether independently or as part of a team. With extensive experience in React and React Native, I bring a strong foundation in building user interfaces and implementing responsive designs. Eager to leverage my technical and analytical expertise, I am committed to contributing to the development of innovative and impactful web applications.

### EXPERIENCES

**Junior Frontend Developer**  
**EDAG Holding Sdn Bhd | Nov 2022 - Present**

- Proficient in frontend development with expertise in React, React Native, and Angular projects, utilizing frameworks like Next.js and Expo.
- Applied responsive design principles, composed modular and reusable code, debugged and troubleshooted issues, fostering collaboration within cross-functional teams.
- Implemented reactive programming concepts, including observables, to effectively manage data flow and handle asynchronous events, while crafting reusable components using React hooks and lifecycle methods, demonstrating a meticulous attention to detail and a dedication to producing top-notch code.

**Junior AI Engineer | Assistant Project Manager**  
**Skymind | May 2021 - June 2022**





- Developed a CLI program for the XpressAI marketplace website, facilitating API interaction for request submission and information retrieval using Python.
- Conducted testing on the Vpass project dashboard, identifying areas for enhancement to elevate the web app's interactivity.
- Explored and presented on MySQL database applications, gaining hands-on experience with basic query language, while also independently learning React.js for web development.

**Assistant Project Manager:**

**Vpass Project**

- Led the creation of a comprehensive Design Thinking playbook, emphasizing user-centric innovation.
- Utilized agile principles like Scrum and Kanban for efficient project management, while conducting thorough market research and client communication for product improvement.


## SKILLS

- Microsoft Words 
- Microsoft Excel 
- Presentation 
- Marketing 





### Engineering:

- Solidworks 
- Ansys 
- CAD 

### Design:

- Canva 
- Figma 

### Web & Mobile App Development:

- Javascript 
- CSS 
- HTML 
- TYPESCRIPT 



### Programming Languages:

- C/C++/MatLab 
- Python/Java/Git 

### Project Management:

- Agile Methodology 

## LANGUAGES

- Bahasa Malaysia 
- English 

## EXPERTISE

### Web Development:

Expert in creating dynamic, responsive web applications with modern frameworks.

### Engineering:

Solid foundation in engineering principles for precise, innovative problem-solving.

### Project Management:

Skilled in managing projects efficiently from start to finish.

### Design:

Proficient in crafting intuitive, visually appealing user interfaces.

## Skyfense Project

- Developed a detailed business proposal encompassing budget planning and timeline for project startup.
- Created mockup designs for both web application dashboards and mobile applications.
- Facilitated communication with external suppliers to gather software and hardware requirements, informed by thorough market research for equipment setup.

## Apprenticeship (Data Annotation Specialist)

### SkyMind | Sep 2020 - Mar 2021

- Acquired and labeled open-source data for deep learning model development.
- Designed a 3D camera mounting model using CAD software.
- Learned deep learning with DL4J in Java and machine learning with Python, including testing computer vision models on Raspberry Pi and researching human detection in ocean environments for search and rescue.

## Internship

### Delloyd Sdn Bhd | Jun 2017 - Sep 2017

- Contributed to an Advanced Driver Assistance System (ADAS) project focused on developing autonomous driver assistance applications.
- Managed the Data Acquisition aspect, collecting video data using vehicle-mounted cameras in various conditions like day, night, and rain to enhance AI model robustness.
- Converted collected videos into image frames for data labeling and began delving into the fundamentals of Artificial Intelligence and autonomous driving.

## Private Home Tutoring

### 2014 - Present

- Tutoring subjects: Maths, Add-Math, Physics, Chemistry (SPM, IGCSE, University).
- Taught web development with HTML, CSS, JavaScript, PHP, and MySQL, guiding students in creating a web application for a high school project.

## Final Year Project

### FYP | 2018 - 2019

- Studied the effects of splitter plates on bluff body drag and conducted simulations for data acquisition using Ansys and Solidworks.

## Team Leader

### Integrated Design Project | Januari 2018 - May 2018

- Managed a team developing a multipurpose machine with safety features, overseeing the design process using Solidworks and leading the creation of a prototype.

## AWARDS & ACHIEVEMENTS

### Chemistry Appreciation Award

Recognition For Chemistry in Foundation | 2014

### Published A CFD Research Paper In Akademia Baru CFD

Analysis Of Splitter Plate On Bluff Body | 2019

### Published A Journal In Elsevier

Numerical Investigation Of Splitter Plate Effect On Bluff Body Using Finitevolume Method | 2020

### Certified Deep Learning Engineer

Certified Engineer in Computer Vision | 2021