



# Muhammad Rahiman Abdulmanab

## Software Engineer at Dell Technologies

A passionate and highly motivated developer with a strong keenness to learn new things.

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📍 Cyberjaya, Malaysia

🌐 itsmeray.com

🌐 linkedin.com/in/muhd-rahiman

🐙 github.com/mdrhmn

## EDUCATION

### Bachelor of Computer Science (Software Engineering)

Faculty of Computer Science and Information Technology,  
University of Malaya

09/2018 - 02/2022

Kuala Lumpur, Malaysia

#### Highlighted Achievements:

- CGPA (7 Semesters): **3.94**
- Achieved **Dean's List** and **4.00 GPA** for **6 Semesters**.
- Team Leader** of Faculty of Computer Science and Information Technology, Universiti Malaya's **Software Modelling Competition**, 2021/2022 session.
- Student Mentor** of **UMHackathon 2021**, 2020/2021 session.
- Byte-sized Influencer**, **AIESEC in Universiti Malaya**, 2020/2021 session.
- Leader** of **Student Mobility Outbound Programme** at **Prince of Songkla University, Thailand**, 2019/2020 session.
- Moderator**, **Different Career Prospects In Cyber Security (in collaboration with Ernst & Young)**, 2019/2020 session.

### Foundation in Physical Science

Centre For Foundation Studies In Science, University of  
Malaya

06/2017 - 04/2018

Kuala Lumpur, Malaysia

#### Highlighted Achievements:

- CPGA: **4.00**
- Programming Tutor** for **Stimulating Interactive Grouped and Attentive Learning (SIGNAL)** project.
- Member** of **Multimedia Bureau**, **Student Action Committee (JTK)**, Ungku Aziz Residential College (KK11).

### Malaysian Certificate of Education (SPM)

Kolej Datu Patinggi Abang Haji Abdillah

01/2012 - 12/2016

Kuching, Sarawak, Malaysia

#### Highlighted Achievements:

- SPM: **6A+ 4A**
- Runner-up** for **Curtin Young Associates (CYA) Inter-School English Debate and Public Speaking Competition** 2014.
- Adjudicator** for **Swinburne Sarawak Inter-School Debating Championship (SSIDC)** 2017

## WORK EXPERIENCE

### Software Engineer 1 - IT

Dell Technologies Inc.

03/2022 - Present

Cyberjaya, Selangor, Malaysia

Dell Technologies the leader in digital transformation and technology solutions for any sales, product, technical or partner related inquiries.

Contact : Kesavan Vadiveloo - Kesavan.Vadiveloo@dell.com

## TECHNICAL SKILLS

### Programming Languages

Python, Java, JavaScript, HTML5 & CSS3, PHP

### Web Development Frameworks

Django, Flask, Gatsby, Tailwind CSS, Bootstrap CSS

### Machine Learning & Data Science

Scikit-Learn, TensorFlow, Keras, Pandas, NumPy, Matplotlib

### Databases

MySQL, PostgreSQL, SQLite3, Microsoft SQL Server

### DevOps & Cloud

Heroku, Firebase, Netlify, Azure, Google Cloud, AWS

### UI/UX Design

Figma, Adobe XD

## SOFT SKILLS

Public Speaking

Debating

Leadership

Project Management

Critical Thinking & Problem-Solving

Teamwork & Collaboration

## AWARDS & ACHIEVEMENTS

Champion (IET Innovation Award) and Second Runner Up (Young Innovator Award) (01/2022)

IEEE Malaysia Section

- Awards for my Final Year Project submission to the **IEEE Malaysia Final Year Project (FYP) Competition 2021**.

Gold Medal Winner (Young Ideation Category) (12/2021)

Faculty of Computer Science and Information Technology, Universiti Malaya

- Awards for my Final Year Project submission to the **International Digital Innovation in Wellness (DInoWEx2021): Enhancing Quality of Life through Technology** competition.

Champion of Dell Digital Virtual Hack2Hire 2021 (02/2021)

Dell Technologies

- Tied in 1st place** with Try Harders team and **shortlisted** for the coveted grand prize which is the **permanent job offer** as **Software Engineer** at **Dell Technologies Malaysia, Cyberjaya**.

Dean's List Awards

Faculty of Computer Science and Information Technology, Universiti Malaya

- Dean's List recipient for **6 Semesters (Semester 1, 3-7)**.

Yayasan Sarawak Tun Taib Scholarship

Yayasan Sarawak

- Recipient of Yayasan Sarawak's **most prestigious scholarship** for STEM (Science, Technology, Engineering and Mathematics), a merit-based scholarship provided by the Sarawak state government to a small pool of top local students.

## WORK EXPERIENCE

### Development Ninja Intern

Infront Consulting Group (M) Sdn. Bhd.

08/2020 - 01/2021

Petaling Jaya, Selangor, Malaysia

Infront Consulting Group is a certified Microsoft Gold Partner in IT consulting that specialises in the Microsoft Datacenter and Azure technologies.

#### Achievements/Tasks

- Worked on the **Django web application** for the **Asymptomatic COVID-19 Digital Solution: A Proof of Concept Study (CODIQ-My)** in collaboration with the Institute of Clinical Research (ICR) and Ministry Of Health, Malaysia (KKM)

Contact : Jason Chao (Supervisor) - [jason.chao@infrontconsulting.com.my](mailto:jason.chao@infrontconsulting.com.my)

## ORGANIZATIONS

AIESEC Malaysia (04/2021 - 08/2021)

**Byte-sized Influencer** - Byte-sized Leadership is an initiative by AIESEC in Malaysia to engage youths in light and relevant content about leadership to young people at the same time connect them with thought leaders from different sector in the nation.

Persatuan Komputer Universiti Malaya (PEKOM) (09/2019 - 01/2021)

**Vice President** - Persatuan Komputer Universiti Malaya (PEKOM) is a student society registered under Student Affairs Division officially established in 2014.

KinaWorks (10/2018)

**Director** - A multimedia, technical and documentation club in Kinabalu Residential College, University of Malaya.

## PROJECTS INVOLVED

Fitweet: Arduino-based Smart Watch for Early Anticipatory Anxiety Notification System (03/2021 - 02/2022)

- Developed a **Django web application** for managing information of **Tweets analysis, body vital signs, notification, mental health-related mobile app recommendations, mental health chat support** and **Arduino smart watch users** as part of my **Final Year Project (FYP)**.
- Received multiple accolades including **Gold Medal Winner (Young Ideation Category)** for International Digital Innovation in Wellness (DInoWEx2021): Enhancing Quality of Life through Technology and **Champion (IET Innovation Award) & Second Runner Up (Young Innovator Award)** for 2021 IEEE Malaysia Final Year Project (FYP) Competition.
- Deployed web application link: [fitweet.tech](https://fitweet.tech)

GOCery Mobile Application (10/2021 - 02/2022)

- An **Android native mobile application** for managing grocery purchases including receipt OCR, expenses tracker, card/voucher and route planning management.
- Developed using **Android Studio** with integration of **Firebase Realtime Database & Cloud Storage, Google's ML Kit for Text Recognition and Places API**.
- For my team's submission to the **WIX3004 Mobile Application Development group assignment** for Semester 1, 2021/2022 session.

Asymptomatic COVID-19 Digital Solution: A Proof of Concept Study (CODIQ-My) (10/2020 - 02/2021)

- Developed a **Django web application** prototype with integration of **Microsoft Azure** cloud services, Internet of Medical Things (IOMT) and artificial intelligence to provide doctors with real-time information on the health status of home-quarantined patients, enabling doctors to provide fast and targeted treatment plans.
- In collaboration with the **Institute of Clinical Research (ICR)** together with local and international collaborators to assist the Ministry Of Health, Malaysia (KKM)'s efforts in managing the COVID-19 pandemic.
- See the **New Straits Times** article regarding the project: <https://www.nst.com.my/news/nation/2021/08/719321/codiq-my-real-help-fight-against-covid-19-says-health-dg>
- Deployed web application link: <http://43.252.233.28>

FCSIT UM Survey Web Application (12/2020)

- A simple **web application** built using **Django** and **Bootstrap** stack to compile all FCSIT survey forms for faculty courses for usage of FCSIT UM undergraduate students only.
- Developed and deployed in **less than half a day** in the middle of my internship.
- Deployed web application link: [fcsit-survey-app.herokuapp.com](https://fcsit-survey-app.herokuapp.com)

Createz Bootcamp 3.0 (11/2019 - 03/2020)

- Led the project as **Vice Director**.
- First Adobe AI, AE and XD workshop** to be **fully organised by students** in a college project (KinaWorks) in Universiti Malaya.

## AWARDS & ACHIEVEMENTS

Active Student Award (05/2019)

Jawatankuasa Induk Kolej (JIK), Kinabalu Residential College, Universiti Malaya

- Kinabalu Awards Night (MAK), 2018/2019 session.

Anugerah Permata Gemilang Perdana (Keseluruhan) & Anugerah Permata Gemilang Wira (Kokurikulum)

Kolej Datu Patinggi Abang Haji Abdillah, Kuching

- Recipient of **model student awards** during graduation ceremony.

## VOLUNTEER EXPERIENCE

### Mathematics Tutor

Baiturrahmah Hidayah Centre Foundation (IKRAM Sarawak)

06/2018 - 08/2018

Kuching, Sarawak, Malaysia

Orphanage under IKRAM Sarawak.

#### Tasks/Achievements

- Tutor for Modern Mathematics and Additional Mathematics for Malaysian Certificate of Education (SPM).

Contact : Azian Abidin - +60 16-867 8170

## LANGUAGES

English

Full Professional Proficiency

Bahasa Melayu

Native or Bilingual Proficiency

Mandarin

Elementary Proficiency

## CERTIFICATES

Microsoft Certified: Azure Fundamentals (08/2021 - Present)

Issued by Microsoft via [Credly](https://www.credly.com)

AWS Academy Graduate - AWS Academy Cloud Foundations (07/2021 - Present)

Issued by AWS via [Credly](https://www.credly.com)

Introduction to Git and GitHub (07/2020 - Present)

Coursera - Credential ID **VYT5C9JZDMRH**

## INTERESTS

Software Engineering

Full-Stack Web Development

Data Science

Machine Learning

Artificial Intelligence

## REFERENCES

Assoc. Prof. Dr. Siti Hafizah Ab Hamid

"Final Year Project (FYP) Supervisor & Senior Lecturer at Faculty of Computer Science and Information Technology, Universiti Malaya"

Contact : [sitihafizah@um.edu.my](mailto:sitihafizah@um.edu.my)

Jason Chao

"Internship Supervisor & Solutions Architect at Infront Consulting Group (M) Sdn. Bhd."

Contact : [jason.chao@infrontconsulting.com.my](mailto:jason.chao@infrontconsulting.com.my)