



Muhammad Rahiman Abdulmanab

Software Engineer at Dell Technologies

A Software Engineering first-class graduate turned aspiring full-stack developer with strong and broad technical acumen dedicated to lifelong learning. Proficient communicator, quick learner and resourceful team player. Pursues blog-writing as a hobby.

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📍 Cyberjaya, Malaysia

🌐 itsmeray.com

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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**
- Team Leader** of **Software Modelling Competition**, 2021/2022 session.
- Achieved **Dean's List** and **4.00 GPA** for **6 out of 7 Semesters**.
- Student Mentor** of **UMHackathon 2021**, 2020/2021 session.
- Byte-sized Influencer** for **AIESEC in Universiti Malaya**, 2020/2021 session.
- Leader** of **Student Mobility Outbound Programme** at **Prince of Songkla University, Thailand**, 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:

- CGPA: **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.

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

TECHNICAL SKILLS

Programming Languages

Python, Java, JavaScript, HTML5 & CSS3, PHP

Web Application Development Frameworks

Django, Nuxt.js, Vue.js, 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

Video-Editing

Final Cut Pro, Adobe Premiere Pro, Vegas Pro

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)**.

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.

Achievements/Tasks

- Volunteered as a **mentor** for **Dell Virtual Hack2Hire (March 2022)** to the assigned team, Logos where all the members of said team were awarded the coveted internship offers.
- Assigned to **TMX Validation & Transition COE** team for my 1st rotation in **IT Development Program (ITDP)** for **Validation as a Service (VaaS)** portal development — a one-stop-shop to leverage validation & automation intelligence service for driving better UX using microservices, Nuxt.js and Vue.js.

Contact : Yeoh Wee Fan (Manager) - Wee_Fan_Yeoh@Dell.com

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)
- Designed and developed an internal Platform-as-a-Service (PaaS) **Service Desk web application** using **Adobe XD, Django** and **Microsoft Azure**.

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

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 IEEE Malaysia Final Year Project (FYP) Competition 2021.
- Deployed web application link: 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>.

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

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.

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 Abdullah, Kuching

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

CERTIFICATES

The Vue Bootcamp (04/2022 - Present)

Issued by Scrimba

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

Issued by Microsoft via [Credly](https://www.credly.com/credentials/microsoft/azure-fundamentals)

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

Issued by AWS via [Credly](https://www.credly.com/credentials/aws/aws-academy-cloud-foundations)

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

Coursera - Credential ID **VYT5C9JZDMRH**

LANGUAGES

English

Full Professional Proficiency

Bahasa Melayu

Native or Bilingual Proficiency

Mandarin

Elementary Proficiency

INTERESTS

Software Engineering

Full-Stack Web Development

Data Science

Machine Learning

Artificial Intelligence

Leadership

Real-time Automation

Writing

REFERENCES

Yeoh Wee Fan

"Manager, TMX Validation, Automation and Transition Centre of Excellence (COE), Dell Technologies"

Contact : Wee_Fan_Yeoh@Dell.com

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

Jason Chao

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

Contact : jason.chao@infrontconsulting.com.my

PROJECTS INVOLVED

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.