



# Muhammad Amiruddin

## Software Engineer

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📍 muame-amr 📍 Kuala Lumpur, Malaysia

## EDUCATION

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### International Islamic University Malaysia (IIUM)

*Bachelor of Computer Science (Hons)*

Major: **Data Science and Computational Intelligence**

CGPA: **3.85**

09/2017 – 09/2021  
Gombak, Selangor

### Center for Foundation Studies, IIUM

*Foundation in ICT*

CGPA: **3.77**

09/2016 – 07/2017  
Petaling Jaya,  
Selangor

### Maktab Rendah Sains MARA

*Sijil Pelajaran Malaysia*

SPM: **9A**

03/2011 – 12/2015  
Betong, Sarawak

## PROFESSIONAL EXPERIENCE

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### Software Engineer

*Silverlake One Paradigm Sdn Bhd*

- Contributed to the development of a financial message converter used by banks and other financial institutions to exchange information securely and efficiently.
- Developed and maintained REST APIs and server-side logic using Spring Framework, Altova Mapforce, and XSLT.
- Developed and designed a responsive client dashboard using HTML, BootstrapCSS, and Javascript JQuery.
- Utilized version control systems to track changes to project files.

09/2022 – present  
Petaling Jaya,  
Selangor

### Software Developer

*Mandrill Tech Sdn Bhd*

- Provide maintenance and changes of a critical software platform used by banks for processing card transactions originating from ATMs.
- Collaborated with cross-functional teams to ensure the quality of deliverables.
- Developed and executed comprehensive test plans for software applications.
- Conducted System Integration Testing (SIT) and provide on-site support.

06/2022 – 09/2022  
Bangsar South,  
Kuala Lumpur

### Junior AI Engineer

*Sky mind CNS Sdn Bhd*

- Developed and evaluated machine learning models for various applications, including sentiment analysis and forgery detection.
- Collaborated with designers to create an intuitive and visually appealing user interface using React and Chakra-UI.
- Developed and maintained REST APIs using Quarkus a Java Web Framework.
- Developed automation scripts using Python and Bash to streamline software deployment and testing processes.
- Implemented continuous integration and delivery pipelines using tools such as Github Actions and Docker.
- Participate in agile development meetings, including daily stand-ups, and planning sessions.

09/2021 – 05/2022  
Georgetown, Penang

### TM Trainee

*Telekom Malaysia Berhad*

- Installed and maintained various telecom systems, including internet networks.
- Troubleshoot and diagnose technical issues with equipment and systems.
- Performed routine maintenance on equipment, including cleaning and replacing parts as needed.

03/2021 – 09/2021  
Sri Aman, Sarawak

## SKILLS

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**Programming** (C++, Java, Javascript, Python, Bash)

**Front-End** (HTML, CSS, Tailwind, JQuery, React, Next, Typescript)

**Back-End** (Node, Express, Spring, Quarkus, Flask)

**Database** (Oracle PL/SQL, PostgreSQL, MSSQL, MongoDB)

**Misc** (Git, Linux, Docker, JIRA, MS Excel)

## EXTRA-CURRICULAR

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### **Kuliyah of Information and Communication Technology**

2017 – 2021

*Computer Science Student*

- ICPC Malaysia al-Khawarizmi National Programming Contest (2018-2019) - Participant
- ICPC Asia Kuala Lumpur Regional Contest 2019 – Participant
- Programming League National 2020 - Participant
- F-Secure Cyber Security Competition Malaysia 2020 – Semifinalist
- Code4Life Inter-University IT Virtual Hackathon 2020 – Finalist
- Prosolve National 2020 - Participant

### **IIUM Roboteam**

2018 – 2020

*Robotics Club Member*

- International Robotics Olympiad 2018 - Facilitator
- Basic Robotics using Microbits Class - Facilitator
- IIUM Robotic Competition – Website Developer

## REFERENCES

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**Muhammad Sufiyuddin Syed**, *Analyst Programmer*, Silverlake Axis  
sufiyuddin731@gmail.com

**Richard Tan**, *Director of Manufacturing Operation*, Skymind CNS  
richard.hctan@skymind.my, 012-473 3993

**Amelia Ritahani Ismail**, *Associate Professor*, IIUM  
amelia@iium.edu.my