

# Munir Mohamad Rani, Software Developer

Bandar Baru Bangi, Malaysia, 012-267 3102, munirmohamadrani@gmail.com

## LINKS

[munirrani.com](https://munirrani.com), [GitHub](#), [Blogpost](#), [LinkedIn](#)

## PROFILE

A passionate Software Engineering graduate from Universiti Malaya with internship experience at Digi-X and proven leadership in UMES. Involved in mobile and web application projects on blockchain, AI and mainstream software.

## EMPLOYMENT HISTORY

Jul 2021 — Jan 2022

### Frontend Developer Intern, Digi-X

Subang Jaya

- Maintained the front-end altHR application of Android/iOS app and it's website.
- Involved in DevOps to automate certain processes in organization's GitHub repository.
- Technology used: React Native, Vue.js, GitHub Actions.

## EDUCATION

Jun 2018 — Apr 2019

### Foundation in Physical Sciences, Universiti Malaya

Graduated with CGPA 4.0

Sep 2019 — Sep 2023

### Bachelors of Computer Science (Software Engineering), Universiti Malaya

Graduated with CGPA 3.78

Feb 2022 — Jun 2022

### Semester Exchange Student, Konkuk University

Seoul, South Korea

Completed with GPA 3.5

## SKILLS

React	Expert	Python	Experienced
React Native	Expert	JavaScript	Experienced
NodeJS	Expert	Git	Experienced
Unix Shell	Expert	Solidity	Experienced
HTML & CSS	Experienced	TypeScript	Skillful
TailwindCSS	Experienced	Vue.js	Skillful

## PROJECTS

### UM Blockchain-based Campus Election E-Voting System

- Final Year Project thesis of a university campus election platform based on blockchain.
- Technology used: Polygon ZKEVM blockchain, Solidity, Truffle, Node.js, React, Google Firebase.

### WhatsApp ChatGPT Bot

- Programmed a chatbot that interfaces with ChatGPT, allowing the AI to participate in conversations among any selected WhatsApp chat members whenever invoked.
- Technology used: Whatsapp-web.js, Node.js, OpenAI GPT-3.5 model

### Notion Book Scraper Database

- Built a personal book read watchlist database for book recommendations. Book data such as title, author, price and popularity count are scrapped from Amazon and Goodreads.
- Technology used: Node.js, Notion API.

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## ORGANIZATIONS

### Vice President at Universiti Malaya Entrepreneurship Secretariat (UMES)

- Co-founded the organization in July 2022 under provision of Student Affairs Division to establish an student-entrepreneurship ecosystem in UM
- Achievements:
  - Connected with local UM student entrepreneur brands such as EzGIG, UniLah, Afterkelas in organizing entrepreneurship related events.
  - Organized initiatives such as UM Startup Community, a Discord server to connect entrepreneur-minded students around UM and gathered 50 students.

Sep 2019 — Jun 2023

### Active Member at Persatuan Komputer UM (PEKOM)

Oct 2022 — Present

### Active Participant at Ethereum KL

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## COMPETITIONS

Oct 2022

### 2nd place out of 13 in UTHM Digital Entrepreneurship Mobile App Competition

- Became the sole system developer for creating A Non-Fungible Token (NFT) marketplace called Pikel.
- Documented the works in blogpost. Technologies used: React Native, Ethereum blockchain.
- Developed a Non-Fungible Token (NFT) marketplace in mobile app, allowing users to mint, sell and buy them.
- Technologies used: React Native, Ethereum blockchain, WalletConnect library
- [Documented problems faced here.](#)

Nov 2020

### 3rd Place Finalist at UniHack International Digital Hackathon Romania

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## INVITED TALKS

Apr 2023

### Students in Web3, 3six9 Twitter Spaces

[Link](#)

Jun 2023

### ChatGPT Integration into WhatsApp – Innovation Wednesdays, PEKOM

[Link](#)

Oct 2022

### Blockchain E-voting Systems – APU Blockchain Club Monthly Meetup, Asia Pacific University

[Link](#)

Sep 2022

### Blockchain 101 - YouTube

[Link](#)

Apr 2021

### Notion Workshop – Harmoni UM, Virtual

[Link](#)

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## COURSES

Apr 2021

### AWS Academy Cloud Foundations, Amazon Web Service

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## HOBBIES

Reading, coding

LANGUAGES	Bahasa Melayu	Native speaker	Korean	A1
	English	Highly proficient	Mandarin	A1
	Arabic	A1		
SCHOLARSHIPS	Program Ijazah Dalam Negara 2020 - Jabatan Pendidikan Awam (JPA)			