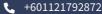
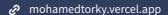
# Mohamed Tarek Torky Software Engineer

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- MdTorky



in mohamed-torky





Oct 2020 - Nov 2024

Sep 2023 - Feb 2024

Johor, Malaysia

Johor Bahru

#### PROFILE

Results-oriented Software Engineer with a Bachelor's degree in Computer Science and a strong front-end and full-stack development foundation. Proficient in MERN stack, Flutter, and modern web technologies, with hands-on experience crafting user-centric interfaces and innovative solutions. Skilled in Agile methodologies and proficient in Jira tools, seeking to leverage expertise in Al-driven web technologies to deliver scalable and impactful digital solutions.

#### **EDUCATION**

#### **Bachelor of Computer Science (Honours) - Software Engineering**

Universiti Teknologi Malaysia ≥

- Final CGPA: 3.79/4.00
- Achieved **Dean's List Honors** for 7 semesters, demonstrating consistent academic excellence.
- Specialized in Software Engineering with a strong focus on full-stack development, Agile methodologies, and innovative software solutions.

# **PROFESSIONAL EXPERIENCE**

IntelliRent $\mathscr{D}$ Jan 2023 − Sep 2023Front-End DeveloperJohor Bahru

- Collaborated with team members to enhance the user interface of a rental property management system tailored for the Malaysian market.
- Optimized UI/UX to ensure seamless navigation, increasing user satisfaction through intuitive design and responsiveness by 42%.
- Utilized modern front-end technologies to deliver scalable and visually appealing web solutions.

#### Mirco Semiconductor Sdn Bhd.

Software Engineering Internship

- Conducted functional and performance testing for the "DialysisManager" project, achieving a 30% reduction in load times through meticulous debugging and optimization.
- Designed and implemented the front-end architecture for the "OnlyCars" project, ensuring highquality standards and smooth user experiences.
- Developed a secure and efficient CV generator tool for **GitMeHired** using Laravel, integrating robust features such as testing, optimization, and comprehensive documentation.
- Gained practical experience in full-stack development while adhering to Agile workflows and maintaining high performance in deliverables.

#### PROJECTS

# ISS Egypt Gateway Sep 2023 − present

Student Portal for UTM International Student Society

- Developed a comprehensive student portal using the MERN stack, featuring academic and social resources tailored to enhance student life.
- Achieved significant adoption, with over 2,700 users since launch, reflecting its practical value to students.

#### Marketify Dec 2023 − May 2024

Marketplace for Students and Faculty Members

- Designed and built a marketplace website using the **MERN stack** to connect students and faculty within UTM's campus and to foster engagement within the university community.
- Implemented features such as multi-language support, secure payment methods, and personalized recommendations.

**Dorms** Apr 2022 – Jun 2023

Student Accommodation System

- Created a full-stack web application for managing on-campus student accommodations.
- Utilized HTML, CSS, JavaScript, PHP, and MySQL to deliver a robust and efficient solution.
- Designed a user-friendly interface to simplify room bookings and enhance convenience for students.

#### CarGo ⊘ Nov 2022 – Feb 2023

Car Rental Application

- Developed a cross-platform car rental application using Flutter to facilitate automobile rentals and car hosting services within Malaysia.
- Designed an intuitive mobile app interface to ensure a seamless user experience and focused on functionality and scalability to support potential expansion.

# **LEADERSHIP AND VOLUNTEER EXPERIENCE**

#### **Head of the Egyptian Academic Committee**

UTM ISS Egypt 2023/24

 Organized academic seminars and revision sessions across university majors, supporting students' academic success.

#### Head of the Egyptian Multimedia Committee ⊘

UTM ISS Egypt 2023/24

 Managed content creation, including posters, videos, and social media, and led photography/videography for ISS Egypt events.

#### Head of the Media Committee **⊘**

Arabic Cultural Day 2024 - UTM

 Supervised a team of creatives (photographers, designers, writers) to execute media coverage for the Arabic Cultural Day event.

#### Volunteer, Amitabha Malaysia Orphanage

AIESEC in Malaysia

• Taught Science, English, and Arts to children, enhancing instructional skills and adapting to diverse learning needs.

#### Participant, Southern Leadership Bootcamp 🔗

AIESEC in Malaysia

 Completed an intensive leadership development program focused on personal growth and team management.

#### Member of the Egyptian Social Committee ⊘

UTM ISS Egypt 2022/23

 Assisted in planning and executing cultural events to foster community engagement among international students.

#### Event Organizer, Leaders 2 You Summit 🔗

AIESEC in Malaysia

 Enhanced attendee experiences through creative event planning and innovative engagement strategies.

# AWARDS

#### Champion, Microsoft APAC AI Accessibility Hackathon (2023) ${\mathscr O}$

Microsoft

• Won **1st place** for developing "A-EYE," an innovative AI-powered solution that provides real-time auditory cues to enhance navigation for visually impaired individuals.

# Champion, AutoCar & Line-Follower Robot Workshop Competition (2023) 🔗

UTM ISS Egypt, ISS Yemen, ISS Iraq

 Secured 1st place, demonstrating technical proficiency, problem-solving, and teamwork in designing and programming autonomous robots.

# </>> SKILLS

## **Technical Proficiency**

- Languages: C++, Java, JavaScript, PHP, Flutter
- Frameworks & Tools: MERN Stack, Laravel, JQuery, JSON, MySQL
- Other Skills: Debugging, API Integration, Full-Stack Development

#### **Teamwork & Leadership**

 Strong teamwork and leadership abilities demonstrated in international collaborations, organizing large-scale events, and managing diverse teams for academic and cultural projects.

#### **Problem Solving**

 Adept at devising innovative solutions for challenges in software development, robotics, and AI-powered accessibility projects.

## **Project Management**

 Experienced in Agile methodologies and proficient with Jira for streamlining workflows, enhancing collaboration, and delivering projects on time.

Nov 2023 - Dec 2024

Nov 2023 - Dec 2024

Sep 2024 - Dec 2024

Feb 2023 - Mar 2023

May 2023 - Dec 2023

Johor Bahru

Jan 2023

Jun 2023

14 Jun 2023

03 Jun 2023

#### **Creative Media Production**

- Proficient in Canva Pro, Adobe Photoshop, Premiere Pro, and CapCut for designing multimedia content, creating videos, and editing promotional materials.
- Expertise in managing event photography, videography, and social media graphics for campaigns and events.

#### **Communication & Mentorship**

- Skilled in adapting communication to diverse audiences, from teaching children at orphanages to leading academic seminars.
- Proficient in delivering clear and effective instructions, fostering understanding across cultural and linguistic barriers.

# **S** LANGUAGES

Arabic | English | French