

# GHULAM RASOOL SHIRZAI

IoT | IT Support | Web Development | Workflow Automation

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Perlis, Malaysia Portpolio:https://ghulam-portfolio.web.app/ ☆ GitHub: https://github.com/ghulamrasoolshirzai2003

## STRENGTHS

- ★ **Technical Skills**
  - Programming & Databases:** Python, SQL, Java, JavaScript, C++ (Arduino/ESP32).
  - Web & Automation:** HTML/CSS, Firebase, n8n (Workflow Automation), Stripe API.
  - Tools & Platforms:** Git, GitHub, Linux, Gemini AI API, IT Support Troubleshooting.

## KEY ACHIEVEMENTS

- 🎓 **Academic Recognition**

Demonstrated academic excellence through consistent placement on the Dean's and President's Lists. Awarded a Silver Medal in an innovation competition for developing "Faseeh," a gamified educational platform. Recognized for high-level leadership and communication, including delivering the UniSIRAJ Proclamation speech to the King and Royal Family of Perlis and representing the international student body before the Crown Prince.

## INTERESTS

- ★ **Technology Enthusiast**

Passionate about leveraging **AI integration** and **n8n automation** to solve real-world problems. I enjoy experimenting with **IoT microcontrollers** like ESP32 and building full-stack applications that drive digital innovation.

## PROJECTS

### Calories AI | Full-Stack Developer (2026)

- Developed an AI-driven nutrition app using **Gemini AI** and **n8n** for meal analysis and **Stripe** for payments.

## SUMMARY

Innovative IT & Computer Science student with a dual-degree focus on Full-Stack Development and AI integration. Award-winning developer recognized with a Silver Medal for the 'Faseeh' educational platform. Expert in Python, SQL, and n8n workflow automation, with documented success in delivering speeches to royal delegations and leading student associations.

## EXPERIENCE

### Full Stack Web Development Intern

Saiket Systems

📅 02/2026 📍 India(Online)

- Utilizing analytical skills to engineer creative and innovative web solutions.
- Crafting user-friendly interfaces across a diverse range of complex web projects.
- Applying expertise in various programming languages and modern design principles.

### Front-End Web Development Intern

DevelopersHub Corporation

📅 01/2026 📍 Online

Volunteer association focused on education

- Contributing to high-impact projects within a dynamic global tech community.
- Developing practical skills in front-end architecture through exclusive training and mentorship.
- Engaging in collaborative workflows with experienced industry professionals.

### English & Computer Instructor

Mosbat Badloon Association & Abdulwakil High School

📅 01/2017 - 01/2022 📍 Jalalabad, Afghanistan

- Provided digital literacy and language training to underprivileged students during critical resource shortages.
- Dedicated over five years to community service and education.

### Student Leadership Executive

UniSIRAJ International Student Council

📅 01/2026 - 01/2027 📍 Perlis, Malaysia

- Elected as a vice president to advocate for the global student body, fostering international integration and cultural exchange initiatives.
- Spearhead high-level student advocacy and social welfare efforts across the university community.

### Student Leadership Executive |

Business and Management Science Student Society

📅 11/2024 - 11/2025 📍 Perlis, Malaysia

- Led academic seminars and professional workshops, acting as a bridge between the student body and faculty.
- Fostered a collaborative environment through peer learning and organized social-educational events.

PROJECTS

Faseeh: Educational Game |  
Lead Developer (2025)

- Awarded a in an innovation competition for this interactive language-learning hangman game.

FlySwiftly | Web Developer  
(2025)

- Architected a full-stack flight ticket booking system focusing on database structure and UI/UX.

Hazard Detection System |  
IoT Developer ( 2025)

- Designed a sensor-based safety system for real-time monitoring of environmental hazards.

Traffic Light Architect |  
Embedded Systems ( 2025)

- Developed a traffic management simulation using **Embedded C** and microcontroller logic.

QuickBite Food Ordering  
System | Java Developer  
(2025)

- Engineered a desktop application using **Java** to streamline food ordering and menu management.

Kabul Restaurant Interface |  
Front-End Developer (2025)

- Designed and implemented a responsive web interface for a restaurant brand.

EDUCATION

Bachelor of Information Technology in Internet of Things  
(Honors)

[Syed Sirajuddin International Islamic University](#) 📅 02/2024 📍 Malaysia

Bachelor of Computer Science

[University of the People](#) 📅 01/2025 📍 USA(Online)

High School Diploma

[Abdulwakil High School](#) 📅 01/2008 - 01/2020 📍 Jalalabad, Afghanistan

Diploma in English Language

[Tolo-E-Afghan Institution](#) 📅 01/2016 - 01/2017 📍 Jalalabad, Afghanistan

LANGUAGES

Pashto	Native	●●●●●	Dari/Farsi	Native	●●●●●
English	Proficient	●●●●●	Urdu	Intermediate	●●●●●
Arabic	Beginner	●●●●●	Malay	Beginner	●●●●●