

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	●●●●●