

# GHULAM RASOOL SHIRZAI

IoT | IT Support | Web Development | Workflow Automation

📞 +601111802285 📩 shirzaighulamrasool@gmail.com 🔗 www.linkedin.com/in/ghulam-rasool-shirzai-13a6b4387

📍 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 UniSRAJ 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

[UniSRAJ 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

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### 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

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### 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

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|        |        |       |            |        |       |
|--------|--------|-------|------------|--------|-------|
| Pashto | Native | ●●●●● | Dari/Farsi | Native | ●●●●● |
|--------|--------|-------|------------|--------|-------|

|         |            |       |      |              |       |
|---------|------------|-------|------|--------------|-------|
| English | Proficient | ●●●●● | Urdu | Intermediate | ●●●●● |
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|        |          |       |       |          |       |
|--------|----------|-------|-------|----------|-------|
| Arabic | Beginner | ●●●●● | Malay | Beginner | ●●●●● |
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