



INFORMATION TECHNOLOGY UNIVERSITY (ITU)

INDIVIDUAL CONSULTANT REQUIRED

Information Technology University requires the services of Qualified, Energetic & Self-motivated Individual as a short term consultant for its Funded Research Project “Pakistan Leather Sector: Traceability, Cleaner production and Circularity” at IMAL-NCRA Lab, Faculty of Engineering, ITU. Applications are invited for the following consultancy from Individuals who meet the specified criteria:

Sr. No.	Title of Consultancy	No. of Individuals	Qualification & Experience
1.	Full Stack Developer	01	<ul style="list-style-type: none">• Must have Master’s Degree or equivalent degree awarded after sixteen years of education in Computer Science/ Information Technology/ Software Engineering/ Electrical Engineering/ Technology Management or an equivalent recognized degree from an institution or a University recognized by HEC.• Relevant experience in full stack development with strong proficiency in front-end technologies (HTML, CSS, JavaScript frameworks) and back-end languages (Node.js, Python, or Java) is required. Candidates with solid understanding of database systems (SQL and NoSQL) and experience with RESTful APIs are encouraged. Additionally, a background in software architecture and cloud services will be preferred for the lead architect position with a strong grip in managing servers and understanding of data security.

1. The above required consultant shall be engaged for short term consultancy by following Punjab Procurement Rules, 2014.
2. Detailed Terms of Reference (TORs) are attached herewith.
3. The duration of the consultancy engagement is six (6) months.
4. Incomplete/pruned (having cutting) / unsigned/ application based on incorrect information received after due date shall be rejected.
5. Only shortlisted individuals will be called for interview.
6. Application along with the credentials must reach in the Procurement Wing of ITU (6th Floor, Arfa Software Technology Park, 346-B Ferozepur Road, Lahore) on or before **16/07/2024**.
7. Only those Individuals having degrees from HEC recognized university/ college/ institute or well reputed foreign university recognized by HEC shall be considered.
8. No TA/DA shall be admissible when called for interview or joining the service.

DEPUTY DIRECTOR (PURCHASE)

INFORMATION TECHNOLOGY UNIVERSITY (ITU)

6th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore.

Phone: (042) 111-111-488

Web: www.itu.edu.pk

Terms of Reference (TORs) of Consultant in-house for Project “Pakistan Leather Sector: Traceability, Cleaner production and Circularity” with WWF funded by SMEP

Position Title: Full Stack Developer

Terms of Reference: SW-Developer - Full Stack Developer position

Project Duration: (1 August 2024 - 31 March 2026)

Consultancy Duration: 05 months (1 August 2024 - 31 December 2024)

Location: Information Technology University Lahore

Department: Faculty of Engineering

Reports to: Principal investigator (PI), Prof. Dr. Tauseef Tauqeer, and Co-principal investigator (Co-PI), Prof. Dr Rehan Hafiz

Purpose:

To develop and maintain full-stack applications, contributing to all phases of software development and ensuring high-quality deliverables.

Key Responsibilities:

1. Application Development:

- Design, develop, and maintain web applications using front-end and back-end technologies.
- Write clean, maintainable code following industry best practices.

2. Collaboration:

- Work with cross-functional teams to gather requirements and deliver solutions.
- Collaborate with UX/UI designers to implement responsive designs.

3. Testing and Debugging:

- Conduct unit testing and debugging of applications.
- Participate in code reviews to ensure code quality.

4. Deployment:

- Assist in the deployment of applications and configuration of environments.
- Monitor application performance and troubleshoot issues.

5. Documentation:

- Maintain accurate documentation for code, processes, and systems.
- Update project documentation as necessary

Qualifications:

- Must have Master's Degree or equivalent degree awarded after sixteen years of education in Computer Science/Information Technology/Software Engineering/ Electrical Engineering/ Technology Management or an equivalent recognized degree from an institution or a University recognized by HEC.

Experience/Skills:

- Strong attention to detail and problem-solving skills.
- Effective communication and teamwork abilities.
- Adaptability to new technologies and framework
- Relevant experience in full stack development with strong proficiency in front-end technologies (HTML, CSS, JavaScript frameworks) and back-end languages (Node.js, Python, or Java) is required. Candidates with solid understanding of database systems (SQL and NoSQL) and

experience with RESTful APIs are encouraged. Additionally, a background in software architecture and cloud services will be preferred for the lead architect position with a strong grip in managing servers and understanding of data security.

Payment mode:

Consultancy Fee/remuneration will be paid on monthly basis provided the satisfactory evaluation report from the PI.