

## Full Stack Web/ AI Developer Qatar University

Direct Link: <https://www.AcademicKeys.com/r?job=235297>

Downloaded On: Jul. 3, 2024 1:49am

Posted Apr. 29, 2024, set to expire Aug. 28, 2024

<b>Job Title</b>	Full Stack Web/ AI Developer
<b>Department</b>	College of Engineering
<b>Institution</b>	Qatar University Doha, Qatar, Qatar
<b>Date Posted</b>	Apr. 29, 2024
<b>Application Deadline</b>	May 20, 2024
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Graduate Student Post-Doc
<b>Academic Field(s)</b>	Sustainable Engineering Computer Engineering Computer Science Engineering - Other

**Apply By Email**

**Job Description**

### **Position Overview:**

We are seeking an experienced Senior Full Stack Web/ AI Developer to join a multidisciplinary research team at Qatar University, working on a project aimed at developing an AI-integrated life cycle assessment (LCA) framework to evaluate the environmental impacts of dairy production in Qatar. This role requires proficiency in developing web-based applications and solutions that effectively utilize big data and AI technologies to enhance decision-making processes in environmental assessment.

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### **Key Responsibilities:**

- Design, develop, and implement web-based AI applications that integrate with large datasets for environmental impact assessments.
- Collaborate with AI researchers and data scientists to create end-to-end solutions that address complex environmental challenges.
- Manage the full lifecycle of software development, from requirement gathering and design to deployment and maintenance.
- Optimize web applications for maximum speed and scalability.
- Document all phases of the development process and system architecture.
- Lead or Collaborate in development and writing of academic research papers.
- Present your research/work in the university community and beyond.

### **Qualifications:**

- 5+ years of experience as Full Stack Web/ AI Developer
- Strong knowledge of artificial intelligence concepts, architectures, and techniques
- Familiarity with deep learning and machine learning algorithms and the use of popular AI/ML frameworks
- Excellent communication and writing skills
- Prior involvement in research activities related to AI or environmental science is a plus.

### **Education Requirements**

- Bachelor's degree in Computer Science, Software Engineering, a related field or equivalent work experience.
- A Master's or PhD in Computer Science, Engineering, or a related field is advantageous but not mandatory.

### **Salary and Benefits**

#### ***Postdoctoral Researcher***

- Housing allowance QR 7,000.

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- Annual economy air ticket allowance to the home country as per quotation from Qatar Airways for the employee, accompanying spouse and up to two children (under 18 years of age) “similar to QU HR policy for academic staff”
- Annual paid vacation for 35 calendar days. Permission for vacation will be given in accordance with work needs in the research project.
- Education allowance for one “accompanying” child from grade one up to 18 years of age. The entitlement is not exceeding QR 45,000 per year per child “similar to QU HR policy for academic staff”.
- Health insurance for the employee accompanying spouse and up to two children (under 18 years of age) “similar to QU HR policy for academic staff”.
- Monthly salary of QR 17,000 that incorporates:
  - Basic monthly salary QR 16,000
  - Transportation allowance QR1,000

### ***Senior Research Assistant***

- Single shared furnished accommodation or housing allowance QR 5,000 for single/QR 6,000 for married (utilities are at the employee’s expense).
- Annual economy air ticket allowance to the home country as per quotation from Qatar Airways for the employee, accompanying spouse and up to two children (under 18 years of age) “similar to QU HR policy for academic staff.”
- Annual paid vacation for 35 calendar days. Permission for vacation will be given in accordance with work needs in the research project.
- Health insurance for the employee accompanying spouse and up to two children (under 18 years of age) “similar to QU HR policy for academic staff”.
- Monthly tax-free salary of QR 12,000 that incorporates:
  - Basic monthly salary QR 11,000
  - Transportation allowance QR 1,000

### ***Research Assistant***

- Housing allowance QR 5,000.
- Annual economy air ticket allowance to the home country as per quotation from Qatar Airways for the RA only.
- Annual paid vacation for 35 calendar days. Permission for vacation will be given in accordance with work needs in the research project.
- Health insurance for Research Assistance only
- Up to 5% annual increment

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- Monthly salary range from QR 7,000 to QR 9,000 that incorporates:
- Basic monthly salary from QR 6,500 to QR 8,500 (B.Sc. holder or M.Sc. holder) Transportation allowance QR 500

### How to apply

#### Required Documents:

- Cover letter (Please explain how your qualifications match the desired responsibilities and qualifications posted in the position)
- Curriculum Vitae
- Any additional documentation that you feel is relevant to your application.

#### How to Apply:

Please zip the application materials in a single file (or combine in a single .pdf) and email it to Dr. Nuri Onat at [onat@qu.edu.qa](mailto:onat@qu.edu.qa)

The deadline for the applications is 20th of May 2024. The position is available immediately but start date must be latest by 18<sup>th</sup> of August 2024.

### EEO/AA Policy

Qatar University is committed to the belief that diversity is one of the institution's greatest strengths as an intellectual community, that represents a key for educational success and excellence. A campus that embraces diversity, equity, and inclusion enhances the experience for every member in the University in either the learning or working environment. Qatar University considers diversity as one of Core Values of the University in achieving its vision and mission, as it embraces diversity that respects religious and cultural tenants, and considers a diverse faculty and student body a source of strength that enriches its educational and work environment.

In seeking to achieve a diverse, equal and inclusive environment, Qatar University embraces a diverse population of students, faculty, and staff, of all nationalities, cultures, colors, religions, and different age groups, and prohibits any form of discrimination against any of its members in teaching, learning,

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research or any services provided by the University. The University is committed to providing equal opportunities and ensuring every individual is treated fairly without regard to race, gender, nationality, age, disability, religion, political belief or social origins. The University is also committed to ensure that existing members as well as applicants for either employment or admission are treated on an equal basis and judged solely by reference to their qualifications, abilities, and skills, based on the legislations in the approved and effective bylaws and policies.

This webpage highlights the University's efforts and practices towards achieving a sustainable environment that is committed to providing Diversity, Equity, and Inclusion to all members.

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**      Nuri Onat  
College of Engineering  
Qatar University  
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Qatar

**Contact E-mail**      [onat@qu.edu.qa](mailto:onat@qu.edu.qa)