Full Stack Developer (Temp)

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Type: Full-Time
Posted: Today
Application Due: 02/20/2026
Category: Web Developer

JOB OPENING ID: 273801

MODES OF WORK
Mobile/Remote

REGULAR/TEMPORARY: Temporary

ORGANIZATIONAL GROUP: Medical School

DEPARTMENT: MM Int Med-Hospital Medicine

How to Apply

A cover letter is required for consideration for this position and should be attached as the first page of your resume. The cover letter should address your specific interest in the position and outline skills and experience that directly relate to this position.
Job Summary

We are looking for a temporary full-stack software developer to develop a web-based platform and secure data server to enable the use of generative artificial intelligence tools to identify and mitigate bias in medical trainee evaluations. The web platform will be hosted by the University of Michigan Medical School (UMMS) and used by UMMS faculty to complete evaluations, and the server will be used to securely store evaluation data. This work is being performed as part of the research project, ?An Automated Generative Artificial Intelligence Tool for Bias Mitigation in Medical Trainee Clinical Performance Evaluations? that was internally funded by the University of Michigan Academic Innovation Fund.
Mission Statement

Michigan Medicine improves the health of patients, populations and communities through excellence in education, patient care, community service, research and technology development, and through leadership activities in Michigan, nationally and internationally. Our mission is guided by our Strategic Principles and has three critical components; patient care, education and research that together enhance our contribution to society.

Who We Are

About the Division of Hospital Medicine: The Division of Hospital Medicine at Michigan Medicine is a collaborative, dynamic, and rapidly expanding team comprised of over 140 faculty members, 45 advanced practice providers, and 45 operational, administrative, and research staff. We are dedicated to advancing the care of acutely ill patients across multiple hospital locations, managing a daily census of more than 320 patients. Our team is at the forefront of cutting-edge health sciences, health systems research, and quality improvement initiatives, with a growing portfolio of research funding. We take pride in our leadership roles within the hospital, health system, region, and on a national level. Our division fosters a supportive, transparent, and positive team environment, embracing change with curiosity and courage in the ever-evolving landscape of healthcare. We are relentless in our pursuit of excellence and innovation, always striving to work smarter and better by maximizing the diverse skills and strengths of every team member. Supported and valued by the Department of Internal Medicine and our partners in the Adult Hospitals, we invite you to thrive as a vital member of our team. Join the "leaders and best" in the Hospital Medicine Division!

Responsibilities*

- Development and creation of a web platform that securely integrates generative AI tools to enable use by UMMS faculty in real time
- Establish a secure server and database for the secure storage of clinical evaluation data
- Develop industry-standard performance tests to ensure long-term functionality of the web platform
- Other duties as assigned.

Required Qualifications*

- Expertise with a web development programming language (e.g. JavaScript, HTML)
- Experience with database management, server management, and networking
- Experience with software development language Python to integrate generative AI APIs specific to the University of Michigan (e.g. UM-GPT API)

Desired Qualifications*

- Experience with integrating generative AI tools
- Strong inter-personal skills and experience working with multidisciplinary teams
- Interest in medical and education-based projects

Modes of Work

Positions that are eligible for hybrid or mobile/remote work mode are at the discretion of the hiring department. Work agreements are reviewed annually at a minimum and are subject to change at any time, and for any reason, throughout the course of employment. Learn more about the work modes.

Background Screening

Michigan Medicine conducts background screening and pre-employment drug testing on job candidates upon acceptance of a contingent job offer and may use a third party administrator to conduct background screenings. Background screenings are performed in compliance with the Fair Credit Report Act. Pre-employment drug testing applies to all selected candidates, including new or additional faculty and staff appointments, as well as transfers from other U-M campuses.

U-M EEO Statement

The University of Michigan is an equal employment opportunity employer.
The University of Michigan is a non-discriminatory/affirmative action employer.

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