

Project worker, Software engineer / Developer for
healthcare innovation
Aalto University

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Posted Feb. 13, 2024, set to expire Dec. 30, 2024

Job Title Project worker, Software engineer / Developer for
healthcare innovation

Department T411 Dept. Electronics and Nanoeng

Institution Aalto University
, , Finland

Date Posted Feb. 13, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Professional Staff

Academic Field(s) Electrical and/or Electronics

Job Website https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Project-worker--Software-engineer---Developer-for-healthcare-innovation_R38703-1

Apply By Email

Job Description

Aalto University is where science and art meet technology and business. We shape a sustainable future by making research breakthroughs in and across our disciplines, sparking the game changers of tomorrow and creating novel solutions to major global challenges. Our community is made up of 13 000 students, 400 professors and close to 4 500 other faculty and staff working on our dynamic campus in Espoo, Greater Helsinki, Finland. Diversity is part of who we are, and we actively work to ensure our community's diversity and inclusiveness. This is why we warmly encourage qualified candidates from all backgrounds to join our community.

The Department of Electronics and Nanoengineering conducts research and arranges related courses in the fields of electromagnetics, micro and nanotechnology, radio engineering, and space technology. The department research groups have active national and international collaboration with several

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institutes and companies. Research groups are working with world-class research facilities and instruments; the largest clean rooms in the Nordic countries are located in the Micro- and nanotechnology centre Micronova.

Would you like to grow a deep-tech startup? Are you excited about creating an international business from research?

Aalto University is now looking for a

PROJECT WORKER - SOFTWARE ENGINEER / DEVELOPER FOR HEALTHCARE INNOVATION

Join the cutting-edge of healthcare technology with Urisens at Aalto University, a dynamic Research to Business project, supported by Business Finland and Aalto University. Our mission is to bring to market a groundbreaking urine sensor technology designed to enhance disabled and elderly care. Urisens with its advanced sensor technology, provides a non-invasive, real-time solution for monitoring adult diapers, ensuring dignity and improving care for users, while offering actionable insights for healthcare providers.

This is not just a job opportunity; it's a chance to be part of a future deep-tech company that aims to revolutionize healthcare.

What You'll Do

In this role, you'll apply your software development skills to improve elderly care, focusing on:

- * Developing software for displaying, cloud connection, data acquisition and processing from our innovative urine sensors.
- * Crafting interfaces to integrate sensor technology with healthcare applications.
- * Implementing user-friendly applications for caregivers and patients, facilitating effective disabled and elderly care.
- * While machine learning is a component of our technology, your broader software engineering skills will be vital in bringing our solutions to life.

What We Offer

Embark on a transformative journey from research to market within an international setting. You'll be instrumental in advancing a novel approach to disabled and elderly care, supported by the rich ecosystem of Aalto University. This project offers a path to joining or co-founding a startup dedicated to making a real difference in healthcare.

This role is based at Aalto University for the duration of the project until end of May 2024, with flexibility

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in terms of engagement (full-time or part-time) based on your expertise and aspirations.

Who We're Looking For

We seek a motivated and capable human being with a keen interest in healthcare technology and an entrepreneurial spirit, capable of turning innovative ideas into practical solutions quickly.

Your qualifications should include: * Solid experience in software development, User Interface, and Cloud Database * Familiarity with data processing and analysis techniques. * An understanding of basic machine learning / AI concepts applied as needed. * Strong communication skills in English.

At Aalto University, we're committed to shaping a sustainable future through responsibility, courage, and collaboration. Join a community where diversity, innovation, and an entrepreneurial spirit thrive.

Join Us

If you're eager to contribute to healthcare innovation, apply now by submitting your CV and a short motivation letter in English through our [Apply](#) link.

Please note: Aalto University's employees should apply for the position via our internal HR system Workday (Internal Jobs) by using their existing Workday user account (not via the external webpage for open positions). Aalto University's students and visitors should apply as external candidates with personal (not aalto) email.

Application Deadline: 24.02.2024 (APPLY NOW !)

Start Date: ASAP

For more information, please contact Urisens project director ASAP:

Oguz Tanzer / Project Director / oguz.tanzer@aalto.fi / +358 504312337

Contact Information

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

Contact

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