



A New Look at Udder Health

EIO DIAGNOSTICS, INC (CA, TX)

POSITION: Full Stack Developer

EIO Diagnostics provides equipment and services to help dairy farms monitor the health of their animals. EIO's first product UdderHealth® monitors the health of dairy cows. Specifically, UdderHealth® identifies early-stage mastitis infections. Mastitis is a significant animal health, quality and profitability issue in the dairy industry. The EIO Diagnostics system provides continuous automated monitoring of udder health that helps farmers reduce labor for monitoring, increase accuracy in mastitis detection, and contributing to increased milk quality and production over time.

EIO Diagnostics began when a local dairy farmer decided to find a better way to monitor udder health to reduce mastitis infections in his herd. He called a friend, and combining their expertise in software, engineering and technology development, the two built the first prototype using a thermal sensor to detect changes in the udder. Our team is dedicated to providing practical tools for farmers at all scales of production to improve the health of their animals.

We recognize that our people are our strength and the diverse talents they bring to our company are linked to our success. We are an equal opportunity employer and place a high value on diversity and inclusion at our company. We do not discriminate on the basis of any protected attribute, including race, religion, color, national origin, gender, sexual orientation, gender identity, gender expression, age, marital or veteran status, pregnancy or disability, or any other basis protected under applicable law. In accordance with applicable law, we make reasonable accommodations for applicants' and employees' religious practices and beliefs, as well as any mental health or physical disability needs.

POSITION RESPONSIBILITIES:

We are looking for individuals who thrive on making an impact and want the excitement of being on a team that wins. This role is a remote development position.

As a member of the core technology team, this development position will work with a team of technologists architecting and developing the next generation of EIO Diagnostics products.



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JOB SUMMARY:

A full stack developer or a front-end/back-end web developer or engineer is someone who works with both the front and back ends of a website and application. They provide an end-to-end service, and can be involved in projects that involve databases and building user-facing websites.

As the line between the front-end and back-end blurs, more developers are becoming “full stack.” EIO Diagnostics is looking for individuals who thrive on large and specialized projects, writing specialized code for IR/Thermography and AI/Neural Networks. The Full Stack Developer must be familiar with and highly skilled in most aspects of web and application development.

JOB RESPONSIBILITIES:

The primary responsibility of a Full Stack Developer includes designing user interactions on front-ends, developing servers and databases for website functionality and coding for mobile platforms.

Particular responsibilities often include:

- Developing front end UX/UI architecture.
- Designing user and applications interactions on web pages.
- Developing back end applications.
- Creating servers and databases for functionality.
- Ensuring cross-platform optimization for mobile phones.
- Ensuring responsiveness of applications.
- Working alongside graphic designers for web design features.
- Seeing through a project from conception to finished product.
- Designing, interfacing or developing APIs.
- Meeting both technical and consumer needs.
- Staying abreast of developments in web applications and programming languages.

Requirements:

BS in Computer Science or equivalent

Strong organizational and project management skills.

Proficiency with fundamental front end languages such as HTML, CSS and JavaScript.

Familiarity with JavaScript frameworks such as Angular JS, Vue, React and Amber, Kotlin, Swift, C/C++

Proficiency with server-side languages such as Python, Ruby, Java, PHP and .Net.

Familiarity with database technology such as MySQL, Oracle and MongoDB.



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Excellent verbal communication skills. (Enthusiasm a big plus!)

Good problem-solving skills. Attention to detail.

Working knowledge of hardware: Intel, Raspberry Pi

Working knowledge of MS Windows / Ubuntu

For more information on this and other open positions, please contact:

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