

Software Engineer

Indigo BioAutomation provides automated data analysis solutions for big data problems. We deliver cloud-based tools that eliminate the need for human inspection of laboratory data in a variety of industries. Our software tools are creating modern labs and doing better science. Indigo also designs and markets leading-edge medical software technologies to improve healthcare in key areas like opioid addiction, cancer detection and COVID testing.

Intentional Culture

At Indigo, we strive to create exceptional products built on solid science, intentional design, and clean code. Indigo is a community of passionate and skilled individuals working together to make an impact on medical care.

We believe in creating space for team members to do their best work. We minimize organizational distractions, provide transparent promotion and compensation systems, coach skill building in both team and one-on-one sessions, and utilize the best tools and techniques for the job.

If you want to work in a place that will challenge you to reach the next level while building products that matter, then we want to talk with you.

Engineering Excellence

As a software engineer at Indigo, you will design and build the platform, systems, and experiences that bring our products to life. We are looking for software engineers at all levels of experience.

General Responsibilities:

- Producing quality software designs, clean code, and complete automated tests as an individual and with a team
- Using clear communication to work effectively with team members across multiple disciplines
- Mastering new languages and technologies
- Practicing self-discipline to get things done in a high autonomy environment

A Particular Set of Skills

We are looking for team members that bring solid fundamental skills along with a passion in one or more of the following areas:

UX and Interaction Design

Help transform complex activities into clear and elegant interactions.



Responsibilities include:

- Prototyping new interactions, analyzing information architecture, and testing usability in a complex domain
- Analyzing real user data to identify trends and opportunities
- Staying current with the field of interaction design and data presentation

Front-end Technologies we currently use:

- Core Web Technologies (HTML, CSS, JS)
- Elm and WPF
- Ruby, C#

Platform and Database Design

Help create a robust infrastructure stack for our product including container, service, and messaging systems as well as database schema design and implementation.

Opportunities to contribute include:

- Packaging cloud architecture technologies to provide a powerful and consistent platform for development, deployment, and production
- Selecting appropriate database technologies and designing schema strategies for a variety of product needs

Platform and Data Technologies we currently use:

- Docker, AWS
- MongoDB/TokuMX
- PostgreSQL/MySQL

Algorithms and Machine Learning

Work with world class scientists to design, implement, and improve automated data analysis and auto-adjusting algorithms.

Responsibilities include:

- Implementing high performance, numerically critical algorithms
- Analyzing algorithm capabilities and identifying opportunities for improvement
- Staying current with machine learning strategies and applying appropriate techniques to improve our products

The above statements are intended to describe the general nature and level of the work being performed by people assigned to this work. This is not an exhaustive list of all duties and responsibilities. Indigo BioAutomation management reserves the right to amend and change responsibilities to meet business and organization needs as necessary.

Indigo BioAutomation, Inc. is an equal opportunity employer.

