Backend Software Developer

About us

Trexo Robotics (YC W19) is enabling mobility by building powered wearable robots [https://youtu.be/3LW4LJIpa2o](https://youtu.be/3LW4LJIpa2o). Our first product is a robot for children with movement disorders such as Cerebral Palsy and it allows kids to walk, in many cases for the first time in their lives. The device is currently being used by families and the best hospitals across North America.

Our work doesn't stop here, we are constantly working towards building mobility solutions for all. At Trexo Robotics you will find a flat organization where you can work with highly optimistic, low ego, and exceptionally talented individuals who look forward to solving hard problems.

About the Job

We currently have Trexos all over North America and an ever-growing backlog of Trexos we need to ship! As more and more devices are being used we need to strive to make sure they all work perfectly and reliably. We are looking for a Backend software developer to continue the development and maintenance of our backend software used to handle all our patient and device data and also developing new tools such as a fleet manager. You will work on designing and developing new features with a focus on reliability, security, and maintainability. The ideal candidate will have experience working with robust infrastructure software handling a lot of data.

About You

You want to work in a small team solving a big problem while helping an underserved community. You love when products just work and can't believe how some bugs make it out in the wild. You are detail-oriented and love asking why many times till you understand something from first principles.

What you'll do

- Develop robust and secure software to handle all our patient and device data.
- Create new tools such as a fleet manager to view real-time data from our robots.
- Create APIs to interact with our data.
- Develop dashboards to show user and device data.
- Create and maintain infrastructure software (Docker containers, auto software updater, CI/CD).
• Work with Android developers on our app.

**Required Skills**

• Extensive experience with architecture design and are comfortable reusing or adding new components to the existing architecture.
• Strong debugging and troubleshooting skills.
• Extensive experience developing software in Java, Python.
• Extensive experience working with MySQL databases.
• Extensive experience working in a Linux environment
• Previous experience working with Kotlin, Node.js, Spring.
• Hands-on experience working with AWS services such as EC2, S3, Athena, Lambda, Quicksight with a focus on security.
• Interest in exoskeletons.

**Nice to Have**

• Knowledge of Kafka, Go, C++
• Previous experience working with Android, Flask
• Knowledge of ROS

**Compensation and Benefits**

• Competitive pay and stock options
• Unlimited Vacation policy
• Group benefits plan
• Snacks
• Dog friendly