

Data Engineer (US Citizenship Required)

About Rotational

We craft bespoke AI solutions tailored to our clients' unique needs, and we value open communication, collaboration, and mutual respect among our team members. At Rotational, practical experience and a passion for continuous learning are more important than certifications.

What We'll Depend On You For

- Design, build, deploy, and maintain scalable data pipelines and infrastructure to support AI model development and deployment.
- Develop ETLs to ingest from heterogeneous data sources, ensuring quality and reliability.
- Optimize and tune databases and queries for performance, considering the specific requirements of each project.
- Implement data security and privacy measures to protect sensitive information.
- Continuously evaluate and integrate new technologies and tools to enhance data infrastructure and capabilities.
- Monitor and operate data pipelines using a suite of observability tools.
- Respond to problems, bugs, or outages that may occur in our data operations.
- Implement libraries to interact with APIs and Remote Services to make data ingestion, transformation, and collection more efficient.
- Contribute to open source projects, including writing code, reviewing pull requests, creating examples, maintaining documentation, and providing mentorship.
- Engage in sprint planning and daily engineering standups; participate in synchronous and asynchronous code reviews; receive and provide feedback to colleagues.
- Help us to create and maintain a culture of respect by valuing the contributions of other engineers both within and outside the company.

What You Can Expect From Us

The core Rotational values are:

- **Curiosity.** We work on a wide range of technical tasks from ML to protocol buffers, and everything in between. We enjoy going outside our comfort zones because we stay curious!
- **Respect.** We'll take your contributions, your opinions, and your feedback seriously. We'll assign you real, hard work, including tasks that push you beyond your current experience.
- **Collaboration.** We're teachers at heart; we'll provide you with plenty of opportunities for collaboration (e.g. pair programming, whiteboard, design sessions) and mentorship.
- **Excellence.** We love a job well done, and we all share in the responsibility to build high-quality software that's secure, robust, and a pleasure to use.
- **Growth.** We're technologists who believe that technical innovation requires both software development and people development. We want to understand your goals and help you achieve them.

Things We're Looking For

- Empathy and communication skills.
- Proficiency in Python; familiarity with Go and/or Javascript is a plus.
- Hands-on experience with a variety of databases such as PostgreSQL, MongoDB, levelDB, SQLite, Neo4j, Prometheus, etc. including experience with their query languages (e.g. SQL, Cypher, PromQL)
- Experience with parallelism or concurrency such as multiprocessing, async, goroutines.
- Understanding of database optimization techniques and performance tuning.
- Experience with cloud platforms (AWS, GCP, Azure) and containerization (Docker, Kubernetes).
- Strong problem-solving skills and the ability to troubleshoot complex issues in data pipelines and infrastructure.

Things We Aren't Worried About

- Specifics about degrees and credentials. We believe that creative and thoughtful programmers come from all different backgrounds.
- Knowledge of particular programming styles or AI techniques. We use many tools and we care that you are excited to bring what you know, that you're open to being flexible depending on the deliverable, and that you're willing to learn as you go.