

Job Description:

DevOps Lead Engineer (Azure + Tech Architecture)

About BrainSightAI

BrainSightAI is a leading health-tech startup that is building tools to empower clinicians with an AI and 3D enabled view into the functional and structural architecture of the brain, based on non-invasive imaging modalities.

BrainSightAI is a platform that combines cutting edge science and technology, with strong research and design ethic to solve the most pressing problems in neurosurgical, neurological and psychiatric cases. We use sMRI, fMRI, DTI, and digital phenotyping as foundational technologies that are served through 3D visualization for clinicians to get fast and precise inputs for decision making.

VoxelBox is our fMRI preprocessing and standardization tool that accelerates the turnaround time on fMRI reports to under a day providing greater range of evidence to clinicians for basing their diagnostic and treatment decisions on.

We understand that ongoing research is critical to advancing the field. We offer services and clinical study tools in addition to our VoxelBox suite of tools as a service to neuroscience institutions and clinicians looking at extending their research through experienced technology partners in us.

Our promise to the medical community is that we build solutions that will help reduce the \$16.3Tn disease load of neuro-psychiatric disorders in the world. Our promise to patients and caregivers is that we will lead the charge to de-stigmatize mental disorders and make mental well-being a priority by not just creating conversation, but by tangibly improving understanding.

This is a fully remote position

About the Role

As an **Azure Infrastructure Engineer/ Administrator** you will

1. Design the DevOps strategy, CI/CD
2. Build and set up new development tools and infrastructure
3. Manage cloud administration and work on ways to automate and improve development to release processes
4. Testing and examine code written by others and analyse results
5. Ensure that systems are safe and secure against cybersecurity threats
6. Identify technical problems and develop software updates and 'fixes'

7. Work with software developers and software engineers to ensure that the development follows established processes and works as intended

Skill Set required

Must have:

- Azure infrastructure architecture expertise
- Subscription Management
- Landing Zone creation
- Policy, RBAC, MFA management
- Resource provisioning and tagging
- Resource optimization
- IaC and DevOps
- Lights ON support
- Backend Development
- Expert in Python, with knowledge of at least one Python web framework such as Django, Flask
- Familiarity with some ORM (Object Relational Mapper) libraries
- Able to integrate multiple data sources and databases into one system
- Python knowledge on multiprocessing and multithreading
- Familiarity with event-driven programming in Python
- Working knowledge on scalable applications
- Database / Schema integration and creation
- Strong unit test and debugging skills
- Proficient understanding of configuration management tools
- Cross stack development experience is a plus
- Basic understanding of front-end technologies, such as JavaScript

Good to have:

- Cross stack development experience
- Understanding of cloud side like AWS, GCP integration
- Experience with dockerization is a plus

Bonus if you:

- Are enthusiastic about all things brain science and/or mental well-being
- We are a company that highly values the ability to communicate well. We all take turns at the blog roster, so writing experience and/or enthusiasm is appreciated
- Our core values encourage empathy and innovation, you are gold if you share these

Time requirement: Full Time

Previous work experience: Min 5 years