

## **Job Description for Software Engineer - DevOps**

Job Status: Exempt, Full Time

Reports to: Director of Customer Operations and Engineering

### **The Company**

Gray Matter Analytics is a rapidly growing early-stage company headquartered in Chicago, with offices in New York. Gray Matter Analytics Value-Based Care (VBC) Analytics Solutions provide value in three distinct ways.

- We partner with customers to deliver tailored solutions to optimize value-based care performance through our advisory and implementation services.
- We leverage a catalog of measure calculations and advanced analytic models, together with predictive insights to accelerate value through our business solution accelerators.
- Our solutions are delivered using our cloud-native, highly configurable CoreTechs<sup>®</sup> engine.

We transform healthcare organizations into data and insights-driven enterprises. We bring the right insights to the right stakeholder at the right time to improve decision making and outcomes, and lower cost, improve quality and enhance VBC performance.

### **The Position**

The Software Engineer - DevOps will be a member of CoreTechs<sup>®</sup> Customer Operations team reporting to the Director. As a member of the team that is deploying CoreTechs<sup>®</sup> product and solutions for our clients, you will play a significant role and partner with different teams to ensure development, testing and deployment of the CoreTechs<sup>®</sup> product.

### **Essential Job Functions**

- Design, implement and manage system deployment for the CoreTechs<sup>®</sup> product
- Apply CI/CD best practices, deployment pipelines and test automation frameworks to enable frequent, high-quality releases
- Design, develop, implement, and manage infrastructure and tooling for engineering, data science and deployment teams using DevOps methodologies
- Coordinate with the development team to streamline code deployment
- Integrate and deploy a wide variety of open- source technologies and cloud services
- Manage production, maintain system-wide health and proactively seek out potential issues and solutions with component teams
- Understand and adhere to the operational processes ensuring auditability and compliance with industry standards (Incident, Problem, Change Management)
- Proactively and continuously drive system- wide quality improvements by undertaking thorough root cause analysis for major incidents with component engineering teams
- Monitor resource utilization and plan for growth

- Enable and ensure the security, availability, performance, scalability, and automation of our infrastructure
- Ensure reliable and ongoing measurement, monitoring and optimization of our infrastructure
- Be vigilant and aware of new security threats. Make recommendations and implement new security technologies and policies.
- Participate in the agile planning process
- Collaborate with team members to improve the company's engineering tools, systems and procedures, and data security

### **Qualifications & Desired Skills**

- 3+ years of work experience focused on infrastructure/DevOps engineering and production support
- Strong experience with cloud infrastructure management tools
- Working knowledge of software development best practices (Source Code Control, Testing, Documentation, etc.)
- Outstanding performance tuning and troubleshooting skills
- Experience with using and/or deploying:
  - Cloud Platforms (AWS, Azure, GCP)
  - Linux systems administration, including installation of systems, software and configuration
  - Deployment, Containerization, Workflow (Terraform, Terragrunt, Docker, Kubernetes, Airflow)
  - Code Management Tools (Git/GitHub/Bitbucket)
  - Programming / Scripting (Python, Bash, Korn Shell, JavaScript)
  - Automation tools and frameworks (CI/CD pipelines)
  - Databases (SQL and NoSQL databases)
  - Markup Languages (JSON, XML)
  - Requirements management and agile tools (Jira)
  - Hadoop, Spark, Kafka
- Experience with Scrum or Agile Methodology
- Systems tests for security, performance, and availability
- Network stack, protocols, network management and monitoring tools
- Strong problem-solving skills and attention to detail
- Excellent communication skills with the ability to work in a team environment

Gray Matter Analytics is an Equal Opportunity Employer. Gray Matter Analytics does not discriminate on the basis of race, religion, color, sex, gender identity, sexual orientation, age, non-disqualifying physical or mental disability, national origin, veteran status or any other basis covered by appropriate law. All employment is decided on the basis of qualifications, merit, and business need.