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Job Description

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Job Title: Software Engineer
Department: Engineering
Reports To: Director of Product Development
Location: Princeton, NJ or Remote
Schedule: 9:00 a.m. to 5:00 p.m.

About the Role:
A Software Engineer at Lingraphica is responsible for coding, debugging and testing software built by their team. This role requires the ability to work independently and make design decisions within the scope of the immediate tasks. A Software Engineer specializes in one or two technology stacks deployed by their team.

As a member of the Systems Engineering group, the Software Engineer focuses on building services and applications for our employees by integrating our systems (CRM, LMS, Billing, Shipping, Inventory, etc.) and automating internal workflows. This group also provides back-end data processing support to other groups focused on building applications for our customers.

Our Stack:
- We have several small applications that are deployed on AWS, and we leverage AWS services heavily.
- Most of our server-side code is written in python, and we use React, Vue.js and WordPress (PHP) for user-facing interfaces.
- We rely heavily on Lambda, EC2, API Gateway, cloud front, SQS, SNS, Route 53, S3, RDS (Postgres and MySQL), Dynamo DB, Cloud Watch, and other services from Amazon.
- We use the Serverless Framework to manage our cloud infrastructure deployments.
- We build applications that leverage systems' capabilities, including HubSpot, Slack, Microsoft Office 365, Billing, Inventory, and Shipping services like UPS.

Our Setup:
- The team works in a two-week iteration model and follow SCRUM as the basis of our software development process.
- We use Pivotal Tracker to track our user stories, chores and bugs.
- We use GitHub to maintain our code bases
- Our cloud infrastructure is hosted in AWS.
- We love tools that make our lives easier and have a plethora of modern and not so modern tools and services.

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Job Description (cont.)

Essential Duties & Responsibilities:
- Write great code and lots of it
- Actively contributes to the SCRUM team deliverables for each sprint by coding, testing and documenting the work
- Collaborates with team to keep our CI/CD and automated test suites up to date
- Resolves production issues as secondary line of support
- Coordinates with the product owner to refine requirements
- Coordinates with the other members of the team to identify issues and recommend solutions
- Learns new technologies and better ways to do things and brings to the team

Education & Experience:
- B.S. in Computer Science or related field
- 2+ years of total experience as a software engineer
- 1+ years of experience in building web applications
- Experience developing single page applications
- Experience working with AWS services like Lambda, API gateway, S3, RDS and Dynamo DB
- Experience with agile development methodologies such as SCRUM or Kanban preferred
- Experience with the Serverless Framework is a plus

Knowledge, Skills & Abilities:
- Understanding of REST API and Microservices
- Understanding of Docker, Kubernetes is a plus
- Ability to work collaboratively in teams and develop meaningful relationships to achieve common goals

Work Environment & Physical Demands:
Work environment is that of a typical office environment. Noise level is low to moderate. May work remotely. Must be able to operate a computer with or without a reasonable accommodation.

Travel:
May work remotely from home. Could be asked to travel to the Princeton, NJ office for occasional meetings, i.e., Annual All-Staff Meeting, Quarterly team meetings, etc. (Post-COVID)

Accommodations:
To perform this job successfully, an individual must be able to perform each essential duty and physical demand satisfactorily. The requirements listed above are representative of the knowledge, skills, and/ or abilities and physical demands required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Last Updated: 9/13/21