Full Stack Developer

sweedco

Position: Full Stack Developer
Location: Remote
Employment Type: Contract 3-6 months

About the Role:

We are looking for a skilled Full Stack Developer with expertise in building and deploying scalable web applications using **React.js** for the frontend and **Node.js** for the backend, while leveraging **AWS** infrastructure. You will be responsible for architecting and managing web applications using key AWS services, such as **CloudFront** for content delivery, **Elastic Beanstalk** for deployment, and various other AWS services like EC2, S3, and RDS. Experience with Continuous Integration/Continuous Deployment (CI/CD) pipelines in **GitLab** is essential for this role. Your focus will be on building efficient, secure, and highly available applications while optimizing for cost and performance.

Key Responsibilities:

- **Web Development**
    - Develop responsive, high-performance web applications using **React.js** for frontend and **Node.js** (Express) for backend.
    - Build and integrate RESTful APIs and backend services, ensuring seamless communication between frontend and backend systems.
    - Optimize applications for scalability, reliability, and maintainability.
- **AWS Cloud Infrastructure**
    - Architect, deploy, and manage web applications on **AWS** using the following services:
        - **Elastic Beanstalk** to simplify deployment and management of web applications, ensuring seamless scalability.
        - **CloudFront** to deliver content globally with low latency and high transfer speed, integrating with S3 and EC2 to cache and distribute static and dynamic content.
        - **EC2** for scalable compute instances, including load balancing using **Elastic Load Balancer (ELB)**.
        - **S3** for static file hosting and secure storage.
        - **RDS** (Relational Database Service) for database management (PostgreSQL, MySQL).
        - **Route 53** for DNS management and domain routing.
        - **AWS Lambda** for serverless functions to handle on-demand computing needs.
        - **API Gateway** for managing and scaling RESTful APIs.
- **CI/CD & Automation**
    - Develop and maintain **CI/CD pipelines** using **GitLab** for automated testing, integration, and deployment of applications.
    - Automate deployments to **Elastic Beanstalk** and other AWS resources, ensuring streamlined releases and zero downtime.

- Use **GitLab Runners** and AWS tools to implement continuous integration workflows, including automated testing, building, and monitoring.
- **Security & Monitoring**
  - Implement AWS best practices for security, including IAM roles, security groups, encryption, and access controls.
  - Set up monitoring and logging systems using **CloudWatch**, and configure alerts and notifications via **SNS** to ensure the application's performance and uptime.
  - Regularly review and audit system security, performance, and cost-efficiency.
- **Collaboration & Agile Practices**
  - Work closely with product managers, designers, and other developers to define, design, and ship new features in an agile environment.
  - Participate in code reviews, sprint planning, and retrospectives to ensure collaborative and timely delivery of features.
  - Document code, AWS infrastructure configurations, and CI/CD processes for clear communication across teams.

Requirements:

- Bachelor's degree in Computer Science, Engineering, or equivalent experience.
- 3+ years of experience as a Full Stack Developer.
- Expertise in frontend development using **React.js** and backend development using **Node.js** (Express).
- Hands-on experience with **Elastic Beanstalk** for managing web application deployments.
- Proven experience with **CloudFront** for content delivery and optimizing web performance through caching and CDN integration.
- Strong knowledge of AWS services, including **EC2**, **S3**, **RDS**, **CloudFront**, **Elastic Load Balancer**, and **Route 53**.
- Experience with **GitLab CI/CD** pipelines for automating testing, builds, and deployments.
- Familiarity with containerization (Docker) and orchestration (Kubernetes) is a plus.
- Proficiency in using **Git** for version control and managing collaborative development workflows.
- Solid understanding of AWS security best practices (IAM, VPC, encryption).
- Experience with databases such as **PostgreSQL**, **MySQL**, or **DynamoDB**.

Nice to Have:

- Experience with **serverless** technologies like **AWS Lambda** and **API Gateway**.
- Knowledge of **Infrastructure as Code (IaC)** using **Terraform** or **AWS CloudFormation**.
- Familiarity with **AWS Amplify** for full-stack app deployment.
- Experience with **GraphQL** APIs and real-time data services.

Benefits:

- Fixed contract rate for the project with a time frame to finish it, if you finish early you keep the money.
- Flexible work hours and remote work.

How to Apply: Please send your resume, GitHub portfolio to asweed@sweedco.com with the subject line "Full Stack Developer Application – [Your Name]."

Note: Interviews will be held online and work will be remote, starting date is as soon as possible.