

Cloud & Backend Developer

Job brief:

We are looking for an experienced Back-end developer. You will be responsible for the server-side of our web applications.

If you have excellent programming skills and a passion for developing applications or improving existing ones, we would like to meet you. As a Back-end developer, you'll work closely with our engineers to ensure system consistency and improve user experience.

Ultimately, you should be able to develop and maintain functional and stable Server-side Databases, Cloud Platforms, and API applications to meet our company's needs.

Responsibilities:

- Understand the current application infrastructure and suggest changes to it.
- Define and document best practices and strategies regarding application deployment and infrastructure maintenance.
- Migrate our infrastructure with zero downtime to a highly available, scalable one.
- Set up a monitoring stack.
- Define service capacity planning strategies.
- Implement the application's CI/CD pipeline using the AWS CI/CD stack.
- Write infrastructure as code using CloudFormation or similar.
- Help write and optimize in-application SQL statements
- Ensure performance, security, and availability of databases
- Prepare documentation and specifications
- Handle common database procedures such as upgrade, backup, recovery, migration, etc.

Skills:

- Strong proficiency with SQL and its variation among popular databases
- Experience with some of the modern relational databases
- Skilled at optimizing large complicated SQL statements
- Knowledge of best practices when dealing with relational databases
- Capable of configuring popular database engines and orchestrating clusters as necessary
- Ability to plan resource requirements from high-level specifications
- Capable of troubleshooting common database issues
- Familiar with tools that can aid with profiling server resource usage and optimizing it
- Proficient understanding of code versioning tools such as **{{Git / Mercurial / SVN}}**
- Experience with the core AWS services, plus the specifics mentioned in this job description.

- Good background in Linux/Unix administration.
- Experience with Docker and Kubernetes. Having used **{{ ECS or EKS, }}** in the past is a plus.
- Strong notions of security best practices (e.g. using IAM Roles, KMS, etc.).
- Experience with monitoring solutions such as CloudWatch, Prometheus, and the ELK stack.
- Previous exposure to large-scale systems design.
- Ability to troubleshoot distributed systems.
- Knowledge of writing infrastructure as code (IaC) using CloudFormation or Terraform.
- Experience with building or maintaining cloud-native applications.
- Past experience with the serverless approaches using AWS Lambda is a plus. For example, the Serverless Application Model (AWS SAM).