

Backend Engineer GoLang/Python

Location: _

Employment Type: Full-time

Experience: 8–10 years

About the Role

We are seeking a skilled **Backend Engineer** to design, build, and optimize the core services that power our SaaS platform. The ideal candidate has strong expertise in GoLang and/or Python, database performance tuning, and cloud-native deployments on Azure. You will work closely with frontend, DevOps, and product teams to deliver secure, scalable, and reliable backend systems.

Key Responsibilities

Core Backend Development

- Develop microservices and user-deployable logic in **GoLang/Python**, including AI/ML service integrations.
- Implement robust API security with OAuth2, JWT, and role-based access control.

Database Expertise

- Design efficient schemas, indexes, and queries in **MongoDB**.
- Ensure consistency, transactions, and scalability in distributed database setups (including sharding).
- Apply caching strategies (Redis, in-memory stores) for high-performance applications.

Cloud & DevOps (Azure)

- Deploy and manage services on **Azure App Services, AKS (Kubernetes), Functions, Service Bus, and Event Grid**.
- Work with CI/CD pipelines (Azure DevOps/GitHub Actions) to automate deployments.
- Manage secrets, configurations, and environments with **Azure Key Vault** and Config Servers.

Architecture & Scalability

- Design and implement **event-driven** and **microservices architectures** using queues and async processing.
- Build **multi-tenant SaaS backends** with isolation, rate limiting, and usage metering.
- Apply distributed systems knowledge to balance latency, reliability, and fault tolerance.

Testing & Reliability

- Write and maintain unit and integration tests for backend services.
- Implement observability practices: structured logging, metrics, tracing (Azure Monitor, ELK, OpenTelemetry).
- Debug and profile backend performance to ensure system stability.

Collaboration & Agile Practices

- Work cross-functionally with frontend and DevOps teams for seamless feature delivery.
- Contribute to CI/CD workflows and iterative delivery.
- Participate in code reviews, architectural discussions, and Agile ceremonies.

Qualifications

- Bachelor's degree in Computer Science, Engineering, or equivalent practical experience.
- 8–10 years of backend development experience in SaaS or large-scale applications.
- Proficiency in **GoLang/Python**.
- Strong expertise in **MongoDB** and caching systems (Redis).
- Experience deploying workloads on **Azure** (App Services, AKS, Functions).
- Familiarity with **CI/CD, Docker, and Kubernetes**.
- Strong testing, debugging, and observability skills.
- Good understanding of **distributed systems, microservices, and event-driven architecture**.
- Excellent problem-solving and collaboration skills.

What We Offer

- Opportunity to build and scale backend systems for a fast-growing SaaS platform.
- Exposure to modern architectures (microservices, event-driven systems, AI/ML integrations).
- Collaborative and growth-oriented work environment.
- Competitive compensation and benefits.