



OTTOBAUTHENTIC

Let's Talk... we're looking for:

Backend Software Engineer

Midrand

R 40 000 to R 50 000

ROLE/JOB DESCRIPTION:

- ⑧ We are seeking a Backend Software Engineer to design, build, and maintain scalable backend systems and APIs that support multiple internal and customer-facing platforms.
- ⑧ This role focuses on backend architecture, system integration, and API-driven platforms. The successful candidate will work closely with frontend developers to define clean, well-structured API contracts and data models that enable effective user-facing experiences.
- ⑧ The systems under development are integration-heavy and must support secure, reliable interactions across OSS/BSS platforms. Strong emphasis is placed on backend design, service orchestration, and alignment with TM Forum Open APIs and, where applicable, MEF standards.

RESPONSIBILITIES:

- ⑧ Design, develop, and maintain backend services and APIs using Python (Django, FastAPI, or similar frameworks).
- ⑧ Build and maintain TMF-aligned REST APIs for service ordering, product catalogue, feasibility, provisioning, monitoring, and ticketing.
- ⑧ Integrate backend services with internal and external systems, including OSS/BSS platforms, ServiceNow, and third-party APIs.
- ⑧ Collaborate with frontend developers to define API contracts, data models, and response structures that support user-facing applications.
- ⑧ Implement authentication and authorization mechanisms such as OAuth2, SSO, and service to-service authentication.
- ⑧ Design and maintain backend data models and persistence layers (PostgreSQL/MySQL).
- ⑧ Implement robust error handling, logging, monitoring, and observability for backend services.
- ⑧ Write and maintain technical documentation for APIs, integrations, and backend workflows.
- ⑧ Perform ongoing maintenance, debugging, and performance optimization of backend systems.
- ⑧ Work closely with system architects, integration engineers, and business stakeholders to refine requirements and ensure alignment with enterprise standards.

EDUCATION/EXPERIENCE:

Required Skills & Experience

- ⑧ 5+ years of experience in backend software development, preferably using Python (Django, FastAPI, Flask, or similar).
- ⑧ Strong experience designing and implementing RESTful APIs.
- ⑧ Solid understanding of authentication and authorisation mechanisms (OAuth2, JWT, SSO).
- ⑧ Experience working with relational databases such as PostgreSQL or MySQL.
- ⑧ Familiarity with API versioning, backward compatibility, and contract-driven development.
- ⑧ Experience with CI/CD pipelines and Git-based workflows (GitHub or GitLab).
- ⑧ Experience building and operating production backend services.
- ⑧ Working knowledge of containerization (Docker) and cloud environments (AWS or GCP).
- ⑧ Comfortable collaborating with frontend developers and contributing to shared design decisions.

Preferred Qualifications

- ⑧ Experience with TM Forum Open APIs (especially TMF622, TMF641, TMF645).
- ⑧ Familiarity with MEF standards and APIs.
- ⑧ Prior experience in telecom, ISP, or OSS/BSS environments.
- ⑧ Exposure to service orchestration, provisioning, and service assurance systems.
- ⑧ Familiarity with ServiceNow, particularly CSM, SOM, or TSM modules.
- ⑧ Experience designing backend systems that support high-volume, integration-heavy workloads

Kindly note: If you have not heard from us within 14 working days, your application was unsuccessful

How to Apply: Please submit your resume to: joe@ottobauthentic.co.za and use the job title and location as the subject