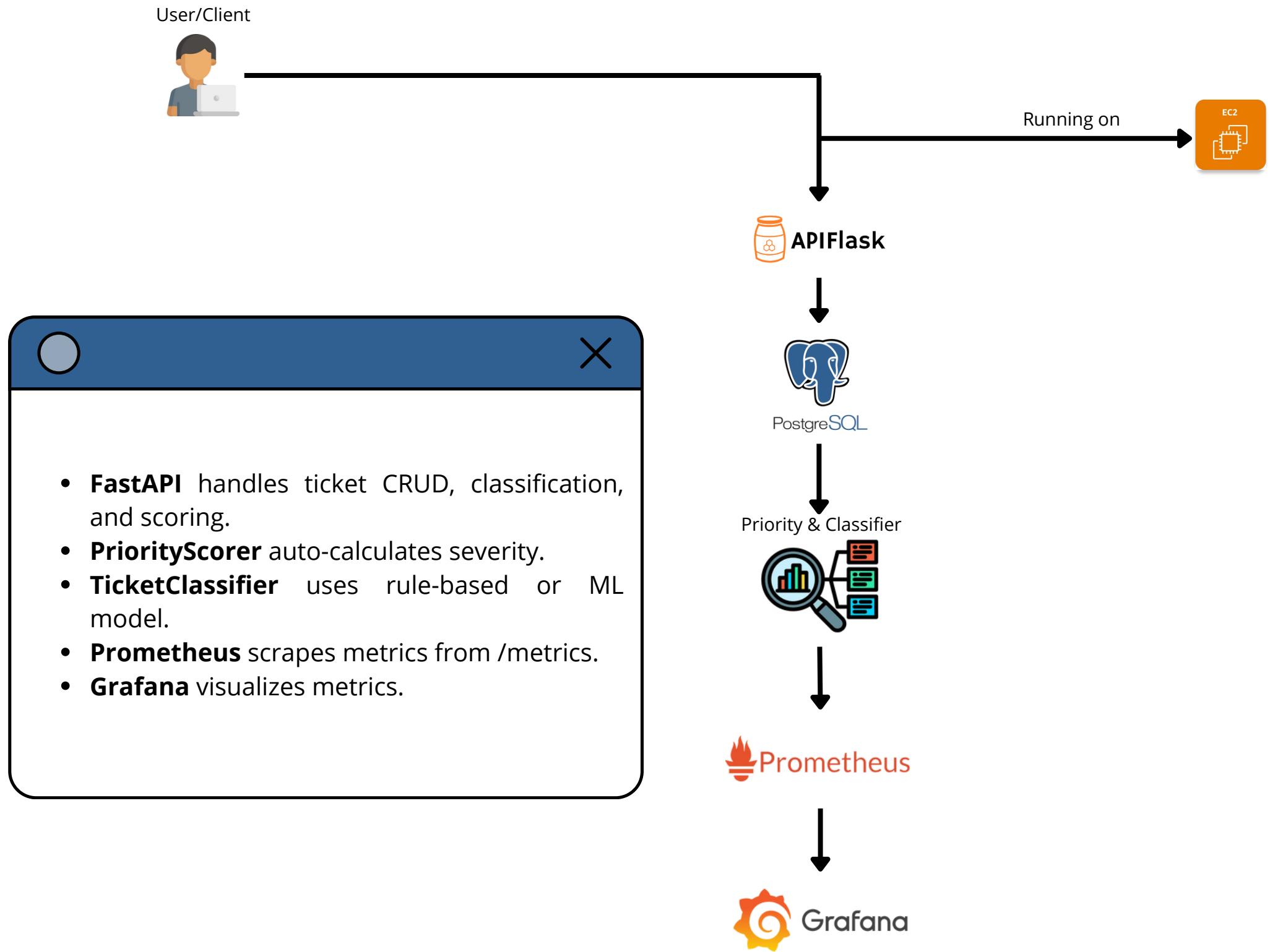


Smart-Ops Tickets Process Flow Diagram

Abel Pena Figueroa



OTHER COMPONENTS AND PROCESSES:



Tickets

Tickets manage incident creation, updates, and lifecycle tracking.



GitHub Actions

GitHub Actions automates CI/CD pipelines — running linting, tests, and deploying the SmartOps API to AWS EC2 (Ubuntu).



Docker Compose

Docker Compose orchestrates the full stack — API, database, and monitoring services — locally or on EC2.



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AWS EC2 (Ubuntu) hosts the Dockerized SmartOps stack:

- FastAPI API: port 8000
- Grafana: port 3000
- Prometheus: port 9090
- PostgreSQL: port 5432