



Cloud-Based Resume Generator on AWS



User Authentication and Profiles: Secure & Personalized



Amazon Cognito

Secure registration and login. Multi-Factor Authentication for enhanced security.



User Profiles

Store experience, education, and skills. Personalized data management.



Amazon DynamoDB

Scalable NoSQL database. Fast retrieval and flexible schema.

Data Input and UX Design: Streamlined Experience

Intuitive Web Interface

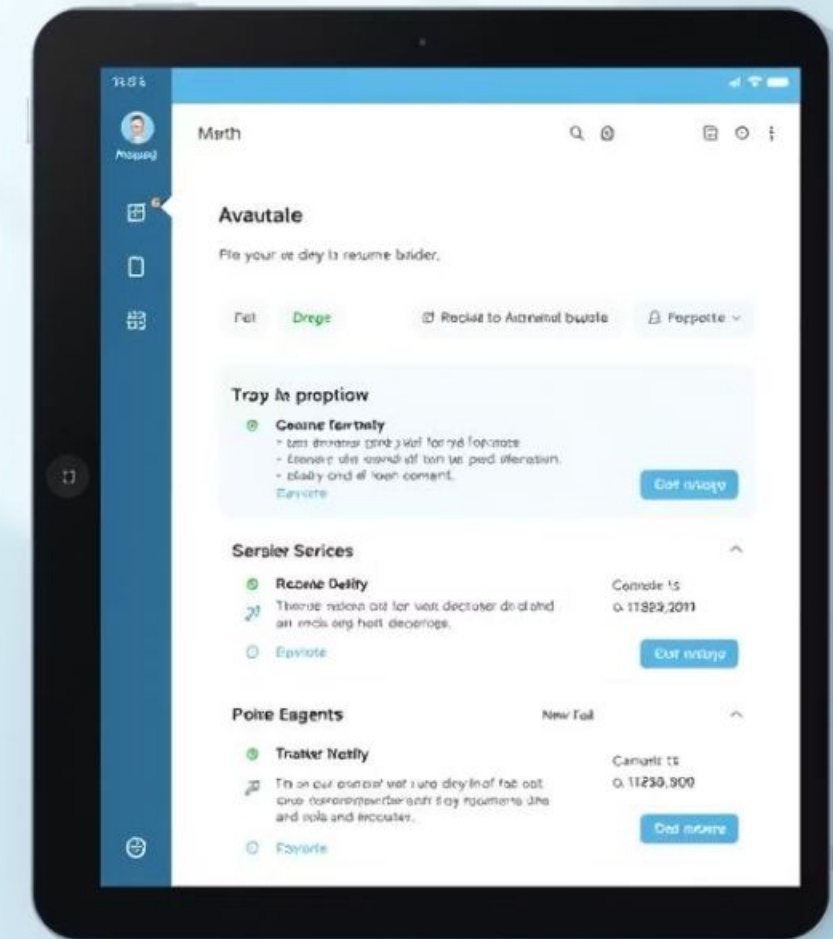
Guided input and real-time preview.

Responsive Design

Mobile-first for accessibility.

A/B Tested

Templates design for optimal UX.



PDF Generation

1 Lambda Function

Triggered via API Gateway for PDF creation.

2 HTML Templates

Pre-designed for various industries.

3 wkhtmltopdf

Convert HTML to PDF format.

4 Dynamic Data Injection

Insert user data into templates.



Cloud Integration: AWS Serverless Architecture

1

API Gateway

Secure entry point for requests.

2

Lambda Functions

Serverless compute for processing.

3

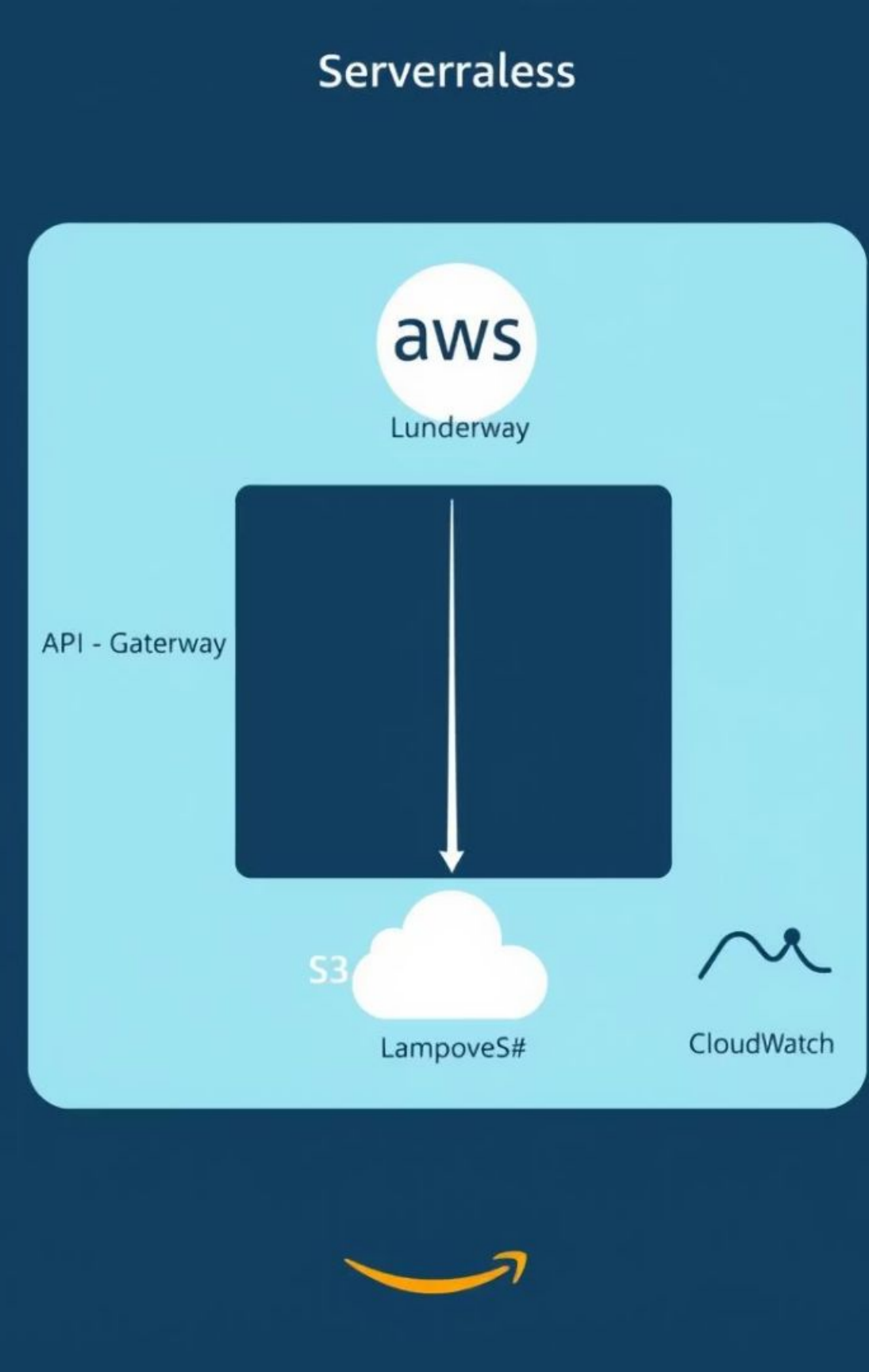
S3 Storage

Store PDFs and user assets.

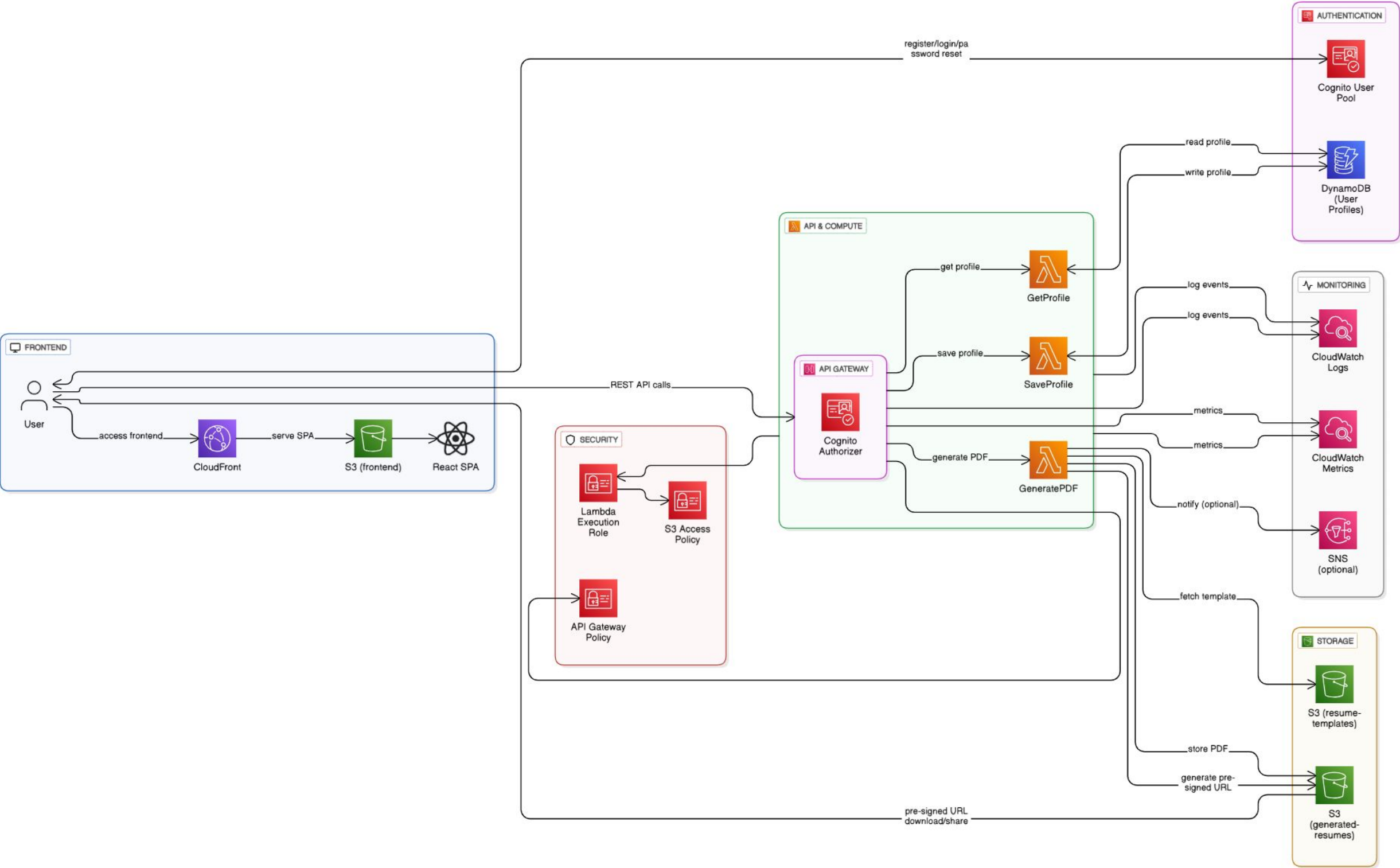
4

AWS CloudWatch

Monitor application health.



Resume Generator



**THANK
YOU**

