BVRITH ALUNITE: A CLOUD-DRIVEN ALUMNI–STUDENT PLATFORM

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Overview

Introduction

The growing need for structured alumni–student interaction has highlighted the importance of a centralized platform to support mentorship, career guidance, and networking. Our project, **BVRITH Alunite, is a cloud-driven alumni–student engagement system designed to bridge this gap**. By leveraging cloud computing technologies such as *microservices, serverless backend, IAM (Identity and Access Management), SSO (Single Sign-On),* and *CDN (Content Delivery Network),* the platform ensures *scalability, security,* and *high availability.* It enables seamless communication, mentorship matching, event management, and resource sharing, creating a sustainable ecosystem that strengthens alumni relations while enhancing student career readiness.

Motivation

- Alumni–student networks are valuable for mentorship, career guidance, and industry exposure, but interactions are often scattered and unorganized.
- Lack of a dedicated platform limits opportunities for structured mentorship and long-term engagement.
- Informal channels (social media, chats, occasional events) are not scalable or reliable for institutional needs.
- Students miss out on professional networking, while alumni remain underutilized as a resource.
- A centralized, cloud-driven solution can provide secure, scalable, and structured collaboration between alumni and students.
- Leveraging cloud technologies ensures high availability, scalability, and cost-effective maintenance for the institution.

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Thank you