

Project Design Phase-II Technology Stack (Architecture & Stack)

Date	18 February 2026
Team ID	LTVIP2026TMIDS81285
Project Name	FreelanceFinder – Discovering Opportunities, Unlocking Potential
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

Example:

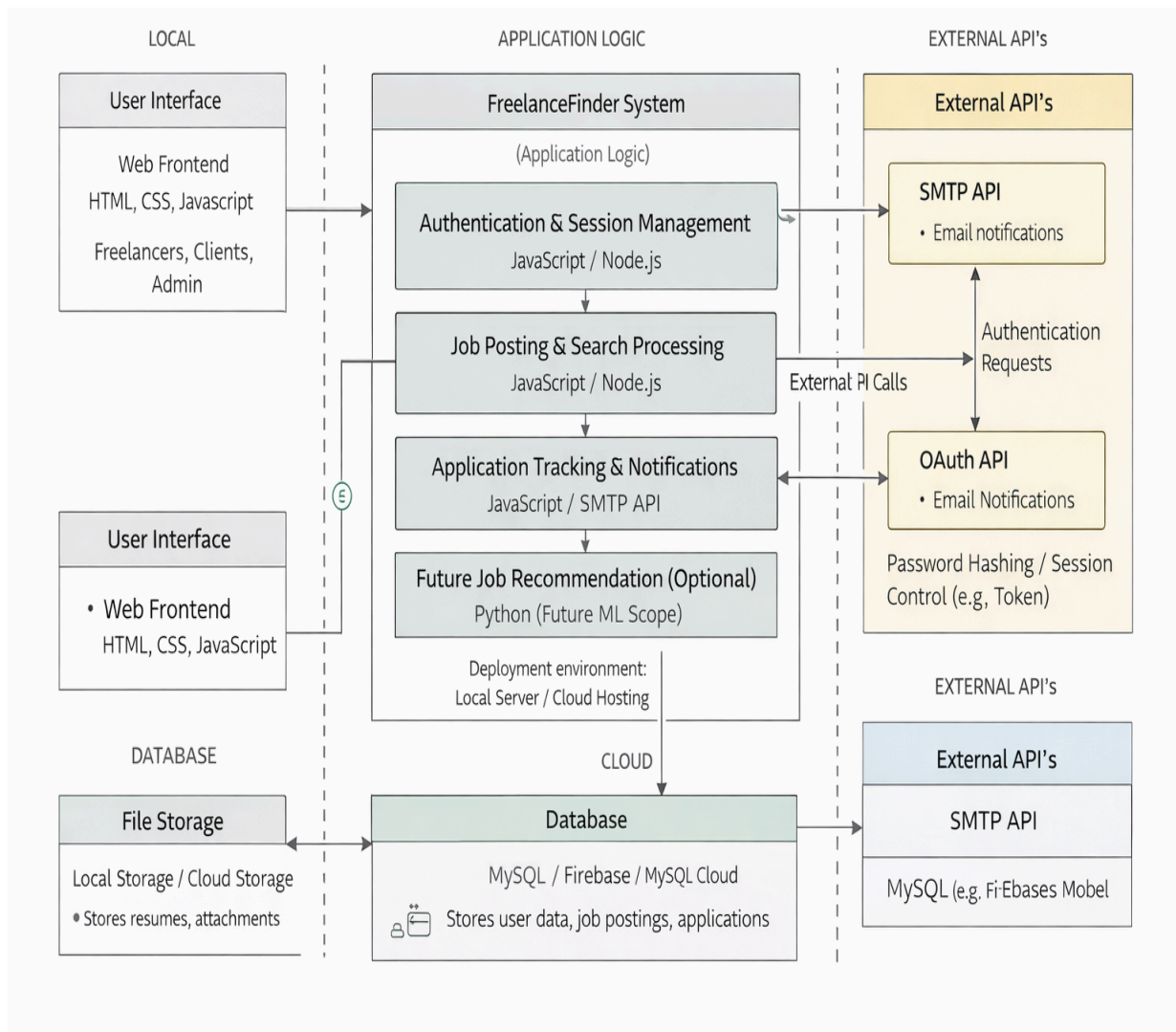


Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Web interface for freelancers, clients, and admin	HTML, CSS, JavaScript
2.	Application Logic-1	User authentication & session management	JavaScript / Node.js
3.	Application Logic-2	Job posting & job search processing	JavaScript
4.	Application Logic-3	Application tracking & notifications	JavaScript
5.	Database	Stores user profiles, job listings, and applications	MySQL
6.	File Storage	Stores resumes, profile images, and attachments	Local Storage / Cloud Storage
7.	External API-1	Email notification service	SMTP API
8.	External API-2	Authentication services (if extended)	OAuth API
9.	Infrastructure (Server / Cloud)	Deployment environment	Local Server / Cloud Hosting

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Uses open web technologies	HTML, CSS, JavaScript
2.	Security Implementations	Secure login & user authentication	Password hashing, Session control
3.	Scalable Architecture	Three-tier architecture separating UI, logic, and database	Architecture Model
4.	Availability	Accessible via web browser anytime	Web Hosting Platform
5.	Performance	Fast page loading & optimized queries	Optimized JS & Database indexing

References: <https://c4model.com/>

<https://aws.amazon.com/architecture/>

<https://nodejs.org/en/docs>