



SCHOOL OF INFORMATION
TECHNOLOGY

ITS120L- Application Development and Emerging Technologies 1 (Laboratory)

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Project Title	TaraTrabaho: Secure AI-Powered Assistant for Resume Creation and Job Matching
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Client (Organization Name, Department)	
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Project Requirement

In the Philippines, many job seekers struggle to find employment due to:

- Limited digital literacy (difficulty creating resumes, using online platforms).
- Time-consuming job search (going place-to-place for inquiries).
- Complex job portals that are not beginner-friendly.
- Mismatched employment opportunities, leading to underemployment.

Despite the existence of job portals like JobStreet, Kalibrr, and PhilJobNet, many Filipinos still find it hard to navigate these platforms. Most lack guidance in creating a professional resume, applying effectively, or finding jobs suited to their skills.

We propose a website application called “**TaraTrabaho: Secure AI-Powered Assistant for Resume Creation and Job Matching.**”

This website will act as a smart assistant to guide job seekers step by step in their job search journey.

Core Features:

- **AI-Powered Resume Builder**
 - Users answer guided questions (like an interview).
 - AI (via API such as Gemini or TensorFlow.js) generates a professional, well-formatted resume automatically.
- **AI Job Matching**
 - AI recommends jobs that fit the user’s skills, experiences, and preferences (location, salary, job type).
- **Job Search & Distribution**
 - Users can apply directly through the app.
 - Premium users can send resumes to multiple employers at once.
- **Basic Security Features**
 - User authentication (login/register) with password hashing.
 - Encrypted storage of resumes and personal data.
 - Role-based access control (job seekers vs. employers).
 - Secure API key handling for AI integrations.
 - OTP Authentication