# AI Engineering Intern assignment

# Assignment Overview

## Purpose

We are looking for candidates who are quick learners with strong skills in leveraging AI to deliver a working demo in a short time. The goal is to evaluate how well you can pick up tools, adapt quickly, and produce a functional output under time constraints.

## Format & Time

- **Start Time:** 9:00 AM
- **Duration:** 3 hours (end by 12:00 PM)
- **Setup:** Live call with interviewer support
    - Candidates must **turn on camera** during the exercise.
    - **First 20 minutes**: Candidates may ask clarification questions; interviewer will provide support.
    - After that, candidates work independently until submission.

## Submission (Before 12:05 PM)

Draft an email to **quyet@covego.com** with subject **AI assignment submission** which includes

1. Deployment URL (**Must have, this can be provided later within the same day, but last github commit must be before 12:00)**
2. GitHub repository link
    - Make the repo private
    - Invite **quyet@covergo.com**
    - Repo name **must not contain** covergo

# Business Context

As a SaaS insurance company, we need to demonstrate how AI can streamline document processing for insurance workflows. This demo will show prospects how our platform can automatically extract key information from insurance documents, reducing manual data entry and processing time.

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# Core Requirements

## 1. Technical Stack (Candidate's Choice)

- **Frontend:** React, Vue.js, or any framework of your choice
- **AI/OCR:** Any AI tools, APIs, or agents of your choice
- **Styling:** Any CSS framework or custom styling
- **Deployment:** Any method (Netlify, Vercel, local with tunnel, etc.), as long as URL is provided

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## 2. Target Document

- Focus on **ONE** primary document type for this exercise:
  - **Insurance Claim Form**

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## 3.Demo Requirements

**Core Functionality**

- Document upload interface
  - Supports PDF/Image
  - Basic file validation
  - Loading states during processing
- OCR/AI Processing
  - Integrate with chosen AI service
  - Extract data from uploaded documents
  - Handle errors gracefully
- Results Display
  - Show extracted text/data clearly (considering how the end user will be using the product later on)
  - Apply simple formatting/presentation

**UI/UX Design**

- Creative freedom as long as it aligns with business context and core objective

- **This is demo-focused, not production-ready** → Don't worry about scalability, security, or perfect code structure. Just aim for a working demo.
- **Audience = business people (non-technical)** → Keep the interface simple, clean, and easy to understand. Imagine you're showing it to an insurance executive tomorrow.
- **Focus on outcomes, not perfection** → What matters is that the document can be uploaded, processed, and some data is extracted and displayed clearly.
- **Be creative but pragmatic** → You don't need to cover every insurance document, just make *one* claim form type work smoothly.
- **Time is short (3 hours)** → Don't overcomplicate. Use prebuilt AI/OCR APIs or SDKs where possible instead of coding from scratch.