

Software Design Document

Career Help Platform

Version 1.0

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Version Description

Version	Description	Date
1.0	Initial SDD for Snapshot 1	12-08-2025

1 Introduction

The SDD outlines the system architecture and design for the Career Help Platform.

1.1 Purpose

To guide future developers and testers in understanding the system structure.

1.2 Intended Audience

Developers, instructors, testers, and stakeholders.

2 System Architecture

The architecture consists of:

- A frontend user interface.
- A backend recommendation engine.
- A structured data layer storing career resources.

Workflow:

1. User selects a career.
2. Backend retrieves associated education, certificates, internships, jobs.
3. Recommendations appear on the UI.

3 User Interface

- Simple layout with career selection and results panel.
- User-friendly and accessible.

4 Glossary

Term	Definition
Career Path	A structured journey toward a target profession.
Recommendation Engine	Component that returns resources associated with a selected career.