

Programing Paradigms Phase 1 Project Deliverable:

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Chosen Technology Stack

☐ Python + Django

Features Implemented for Phase 1

- Feature A: 1.1
- Feature B: 1.2
- Feature C: 1.3

Persistent Storage Design

We are using SQLite database to persist our data. Our database includes the tables shown in Figure 1. It contains 3 tables. The CanidateProfile table, RecruiterProfile table, Post table. The RecruiterProfile table and the Post table are connected because a recruiter can create a job post as well as view, update and/or delete the job postings they previously created. From here, a candidate can demonstrate interest in a recruiter's post and the recruiter can view the candidate's information and potentially hire them.

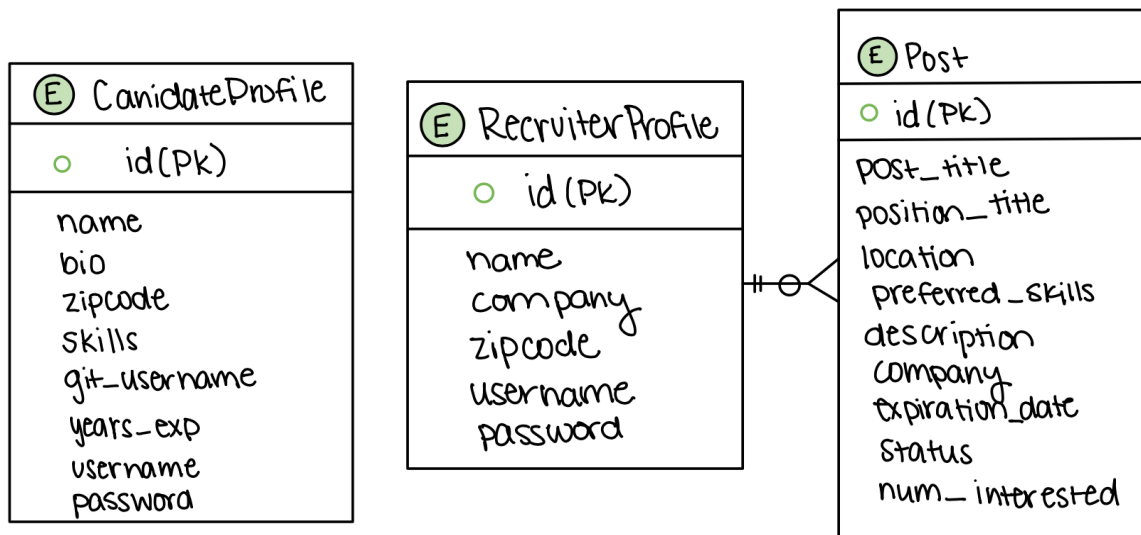


Figure 1 database schema

Demonstration of the Features Implemented for Phase 1

Feature A: Create New Candidate Profile

Figure 2 shows a screenshot for creating a candidate profile. The user is directed to this page when they click on the “Sign up as a Candidate” link on the homepage of our TinDev website. The information requested from the candidate includes: name, bio, skills, GitHub username, years of experience, username and password. This allows the candidate to create an account with proficient information for Recruiters actively looking for candidates.

Welcome to TinDev

[Login](#)

Don't have an account? Sign up below!

[Sign up as Candidate](#)

[Sign up as Recruiter](#)

Figure 2 Screenshot for feature A showing the homepage of our TinDev website

Welcome to TinDev

Name

Bio

Skills

Git username

Years of Experience

Username **Password**

☒ Remember me

Figure 3 Screenshot for feature A showing the information a candidate inputs when creating a TinDev account

Feature B: Create New Recruiter Profile

Figure 3 shows a screenshot for creating a recruiter profile. The user is directed to this page when they click on the “Sign up as a Recruiter” link on the homepage of our TinDev website. The information requested from the candidate includes: name, company, zip code, username and password. This allows the recruiter to create an account with proficient information that is valuable for candidates actively looking for jobs/internships etc.

Name:	<input type="text"/>	Company:	<input type="text"/>	Zipcode:	<input type="text"/>	Username:	<input type="text"/>	Password:	<input type="text"/>	<input type="button" value="Create"/>
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Figure 4 screenshot for feature B showing the information a recruiter inputs when creating a TinDev account

Feature C: Log-in

Figure 4 shows a screenshot for our login page. This allows users who have already created an account to login and view job postings and interact with other users in our TinDev website.

Log In

Username	<input type="text" value="Katie Grace"/>	Password	<input type="password" value="KatieGrace"/>
<input type="button" value="Login"/>			

Figure 5 screenshot for feature C showing the login page