

Jobsphere Profile & Authentication Roadmap

****Date:**** June 24, 2025

Features Youve Already Completed

Authentication System

- Signup with email & password
- OTP verification (including expiry check)
- Account type selection (seeker or employer)
- Profile completion before login
- Session handling and flushing
- Welcome notification after setup

Profile Management

- Abstract base `Profile` model with shared fields
- SeekerProfile & EmployerProfile models
- Full CRUD (Create, Read, Update) for profile data
- Split forms for basic and account info
- Update via POST forms with file upload support
- Dynamic forms depending on account type

Profile Image Update

- Profile picture and company logo uploads
- Image preview with clickable upload on profile page

Profile Completion Tracker

- Real-time profile completeness bar
- Auto-calculate based on filled fields

Password Reset Flow

- Forgot password with OTP to email
- OTP validation with expiry handling
- Password reset and success notification

Login System Enhancements

- Session-based welcome messages
- Known device detection using user-agent
- Unfamiliar device notifications
- Regular login success notification

Public Profile

- Accessible via `/profile/<username>/`
- Read-only display of public data
- Separated template with styling

Ideas You Can Add Next

Notifications

- Convert notifications to async (Celery)
- Allow users to mark as read/delete notifications

Email Enhancements

- Send HTML formatted emails
- Add email verification links

Activity Logs

- Login history
- Password reset logs

Account Deletion

- Safe user deletion with optional export
- Delete my account request page

Resume Download (for seekers)

- Public download link for resumes

Application Tracker

- For seekers: view applied jobs
- For employers: manage posted jobs

Celery: Do You Need It Now?

You ****dont absolutely need**** Celery now, but its worth considering if:

- Email sending or notifications delay page load
- You want to run scheduled background tasks (e.g. cleanup expired OTPs)

- You plan to scale up or move to production

If yes, start with:

- Setting up Redis locally
- Adding Celery to your Django project
- Offloading email + notification tasks to Celery