

Discovering Post-Graduate Job Application

Background:

Malick is a graduate student pursuing a degree in Computer Science. As a junior approaches graduation, he feels overwhelmed by the vast number of career paths in his field: Machine Learning Engineer, Data Analyst, AI Researcher, developer, and Software Engineer. He is unsure which one best aligns with his skills and interests.

Malick heard about the app through his university's career services and peers at the university, where alumni share success stories using the app. He visits the app's website and sees industry-specific roadmaps, mentorship opportunities, and job-matching features. He downloads the app and signs up using his university email for student perks. He selects "Developer" as his target job role. The app asks Malick about his current skills, certifications, and previous work experience to generate a custom career roadmap and suggests any improvements for Malick.

User Story:

"As a graduate student nervous and uncertain about my career direction, I want a structured career guidance platform so that I can explore job roles that I'm interested in and align themselves with my studies, required skills, and the best path to enter the industry."

Feature Developed:

- Personalized Career Roadmap Generation – A roadmap that suggests courses, certifications, projects, opportunities, interview mocks, and job search strategies based on Malick's background and goals.

Preparing for Job Applications (Mock Interviews & Resume Building)

Background:

After completing courses and personal projects, Malick feels ready to start applying for jobs. However, he struggles with creating an industry-standard resume and cover letter, understanding what recruiters and companies look for in job applications, and improving his interviewing skills.

Malick uses the Resume & Cover Letter Builder, which: The app analyzes his experience and generates a data-driven, template where each point of the resume should be checked out, and suggests keywords based on job descriptions to optimize his application for recruiter searches. Once done he submits the resume to be reviewed by our professional mentors through the product.

Once reviewed and the resume deemed job-ready Malick applies for jobs but gets few interview callbacks. The app recommends Mock Interview Sessions to help Malick prepare. He takes a technical interview where the system asks him coding and machine learning theory questions. The product provides feedback on his coding efficiency, problem-solving skills, and communication. He also schedules a live mock interview with a mentor, who provides real-time feedback. With his resume improved and his interview skills sharpened, Malick started getting more interview invitations and progressed toward securing a job.

User Story:

"As a graduate student preparing for job applications, I want tools for resume building and mock interviews so that I can create strong applications and perform well in job interviews."

Feature Developed:

- Resume & Cover Letter Builder – Helps students create optimized resumes and cover letters based on job descriptions.
- Mock Interviews with Mentor Feedback – Provides technical and behavioral interview practice with real-time AI and mentor assessments.

Feature List:

- Personalized Career Roadmap Generation – A roadmap that suggests courses, certifications, projects, opportunities, interview mocks, and job search strategies based on Malick's background and goals.
- Resume & Cover Letter Builder – Helps students create optimized resumes and cover letters based on job descriptions.
- Mock Interviews with Mentor Feedback – Provides technical and behavioral interview practice with real-time AI and mentor assessments.