

<p><b>PROBLEM</b></p> <p>Most students and early-career professionals struggle to identify the exact skills needed for their desired job roles. A McGraw Hill study found that 72% feel unprepared for the workforce due to a lack of personalized guidance.</p> <p>While platforms like Coursera and LinkedIn offer thousands of courses, their recommendations are too generic. This leads to confusion and wasted effort. In fact, a HarvardX study shows over 80% of learners drop out of online courses due to lack of relevance.</p> <p>There is currently no intelligent system that uses a user's resume to identify skill gaps and generate a personalized, job-aligned learning roadmap.</p> <p><b>EXISTING ALTERNATIVES</b></p> <ul style="list-style-type: none"> <li>- LinkedIn Assessments - Single-skill tests only, no roadmap</li> <li>- Coursera - Pre-built tracks, lacks customization</li> <li>- Pluralsight - Limited job roles, no learning phases</li> <li>- IBM SkillsBuild - Manual selection, not AI-personalized</li> </ul>	<p><b>SOLUTION</b></p> <ul style="list-style-type: none"> <li>- Resume Parser Agent: Extracts relevant technical and soft skills from uploaded resumes or manual input using NLP and regex.</li> <li>- Gap Analysis Agent: Compares user skills with curated job role requirements to identify key missing competencies and calculates a job readiness score.</li> <li>- Learning Path Agent: Builds a personalized, three-phase learning roadmap using 200+ curated resources from platforms like IBM SkillsBuild and Coursera.</li> <li>- The system runs on structured, research-backed datasets that map job roles to skills and skills to learning content, ensuring accuracy and industry alignment.</li> <li>- An API layer supports future integration with institutional platforms and partner tools, enabling scalable adoption.</li> </ul> <p><b>KEY METRICS</b></p> <ul style="list-style-type: none"> <li>- Resume upload-to-roadmap conversion rate</li> <li>- Percentage of users who complete the full personalized learning roadmap</li> <li>- Click-through rate on recommended courses</li> <li>- Conversion rate from resume input to course engagement</li> </ul>	<p><b>UNIQUE VALUE PROPOSITION</b></p> <ul style="list-style-type: none"> <li>- Get a personalized, industry-aligned career roadmap and a job readiness score in under 5 seconds. No guesswork, just clear, actionable steps.- Instantly shows your readiness level as a percentage from 0 to 100.- Provides role-specific three-phase learning plans tailored to your goals.- Uses curated and employer-validated data to ensure real-world relevance.</li> </ul> <p><b>HIGH-LEVEL CONCEPT</b></p> <p>AI Career Pathfinder doesn't just throw random courses at you it acts like radar for your career. It scans your current skills, detects exactly what's missing for your dream role, and builds a clear, phase-wise ladder to get you there step by step, skill by skill.</p>	<p><b>UNFAIR ADVANTAGE</b></p> <ul style="list-style-type: none"> <li>- Manually curated mappings between job roles, skills, and learning resources for higher accuracy than generic platforms.</li> <li>- Strong domain expertise in AI, EdTech, and career development for student-focused design.</li> <li>- Early partnerships with placement cells and student communities for rapid validation and adoption.</li> <li>- Agentic, resume-based personalization that delivers tailored guidance beyond static learning paths.</li> </ul> <p><b>CHANNELS</b></p> <ul style="list-style-type: none"> <li>- IBM SkillsBuild platform</li> <li>- LinkedIn/Discord student communities</li> <li>- Campus ambassador networks</li> <li>- College placement &amp; training departments</li> </ul>	<p><b>CUSTOMER SEGMENTS</b></p> <ul style="list-style-type: none"> <li>- College students and freshers</li> <li>- Career changers and job seekers</li> <li>- Placement cells and career guidance clubs</li> </ul> <p><b>EARLY ADOPTERS</b></p> <ul style="list-style-type: none"> <li>- Final-year engineering and tech students</li> <li>- Freshers looking for first job</li> <li>- Career switchers exploring data science, AI, cloud, etc.</li> <li>- Placement cells in colleges</li> </ul>
<p><b>COST STRUCTURE</b></p> <ul style="list-style-type: none"> <li>- API usage costs</li> <li>- Hosting and deployment expenses</li> <li>- Frontend and backend development effort</li> <li>- Data curation and validation</li> <li>- Resume upload-to-roadmap conversion rate</li> </ul>			<p><b>REVENUE STREAMS</b></p> <ul style="list-style-type: none"> <li>- Premium access with premium mentoring</li> <li>- Partnerships with course platforms (e.g., Coursera)</li> <li>- Institution-level deployments for colleges</li> <li>- Institutional subscription model for training &amp; placement cells</li> </ul>	

