

ZENEX TEAM HACATHON

Web & Mobile Application Development

Problem Statement

Design and develop an Explainable Skill-Based Internship and Project Matching Platform that ranks candidates using weighted competency scoring, project requirements mapping, and fairness-aware algorithms instead of traditional keyword matching. The system should generate a transparent Match Score and provide reasoning behind each ranking decision to ensure equitable and data-driven opportunity allocation.

THIS IS OUR ANALYSIS ON THE PROBLEM STATEMENT THAT WE ARE PROVIDING IT FOR YOU SHORTLY THAT HOW WE ANALYSED THE STATEMENT STEP BY STEP:

Public Website



Student registers



Student fills structured skills



Employee defines weighted requirements



Requirements mapping engine runs



Fairness filter applied



Weighted score calculated



Ranking generated



Explainability report generated



Data-driven selection



Mail notifications sent

THIS IS OUR STARTING PORTFOLIO OF THE WEBSITE

The screenshot shows the homepage of InternZenex. At the top, there is a navigation bar with links for Home, Find Internships, How it Works, Employee Login, Student Register, and a user icon. Below the navigation bar, a sub-header reads "The future of opportunity matching". The main title "InternZenex – Fair. Transparent. Skill-Driven Matching." is displayed prominently in large, bold, dark blue and teal text. A subtitle below the main title states: "Data-driven opportunity allocation that eliminates keyword bias. We evaluate real competencies to connect top-tier talent with world-class employers fairly." At the bottom of the page, there are three calls-to-action: "Explore Internships" (blue button), "Student Register" (white button), and "Employee Login →" (text with an arrow).