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An Intelligent Multi-Phase Framework for Automated Career Optimization and Strategic Assessment

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Abstract: *"An Intelligent Multi-Phase Framework for Automated Career Optimization and Strategic Assessment," known as Aura AI is an intelligent and sophisticated system designed using artificial intelligence that has the capability to optimize and improve the job application process. Aura AI is the beginning of something new because of its unique way of bringing resume development, ATS optimization, and automated interview preparation together. With Aura AI, candidates are not only able to make professional resumes aligned to the industry requirements but also test the aptness of the resume on the ATS system. Aura AI uses the Gemini AI to provide intelligent inputs in the resume development phase and ATS aptness. Built using Next.js for a responsive user interface, Drizzle ORM for high-performance database management ensures this platform provides a seamless and consistent user experience. Clerk integrates securely for authentication and identity management, granting the environment a strong capability to protect the users' personal data. It comes equipped with personalized dashboards that each user can use to track their resume scores, access tailored interview questions, and manage their career progress. By combining generative AI with modern web technologies, the Aura AI Framework sets a constant, objective, and productive track toward professional skill building and job attainment.*

Keywords: Artificial Intelligence, Next.js, Web Application, Applicant Tracking Systems, Resume Generation, Automated Interview

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