

Moon Check: Your Smart ATS Resume Analyzer

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Developing a streamlined ATS (Applicant Tracking System) resume checker using React, Node.js, Express, and algorithms can be both exciting and rewarding. This guide will outline the core framework and essential components needed to construct such a system.

Abstract

This project presents the development of an ATS Resume Checker using React, Node.js, Express, and PostgreSQL. The system provides an overview of the process involved in analyzing resumes by matching them with job-specific keywords. It includes building a frontend using React, developing backend APIs with Node.js and Express, and using PostgreSQL for storing resumes, keywords, and analysis results. The working of algorithms to parse, extract, and compare resume content is discussed in detail, along with the user experience and system performance. The project concludes with a discussion on the challenges faced in resume parsing and keyword matching, and the future improvements possible for enhancing the accuracy of the ATS Resume Checker.

Keywords: ATS, Resume Checker, React, Node.js, Express.js, PostgreSQL, Keyword Analysis, Algorithm