

## **ABSTRACT**

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### ***Development of a Web-Based Curriculum Vitae (CV) Analysis Application***

*The professional internship was conducted at Teknologi Berkah Daya (touchUp), a company established in 2024 that offers services such as Employee Supply Management, Recruitment, Outsourcing, MICE, Sales & Marketing Experience, and IT Solution & Managed Service. The internship focused on a project involving the development of an automated CV analysis application designed to enhance efficiency, accuracy, and objectivity in the recruitment process. Manual recruitment processes are often time-consuming and prone to subjective bias. The application is capable of automatically analyzing CVs based on predefined criteria, including education, work experience, skills, certifications, languages, and awards, all of which are relevant to the applied position. The internship was carried out from November 1, 2024, to January 31, 2025. The project utilized the Python programming language, the Flask framework for back-end development, and MySQL for database management. Additionally, a user-friendly interface was designed to facilitate the uploading and analysis of CVs. The application also features text extraction from uploaded CV files and calculates analysis scores based on structured evaluation criteria. This project contributes significantly to the application of technology in recruitment systems and supports the optimization of human resource management processes in an industrial setting.*

**Keywords:** CV analysis application, application development, recruitment efficiency, information technology.