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DEPARTMENT OF MASTER COMPUTER APPLICATIONS

Project Report on

" JOB PORTAL FOR BLUE-COLLAR WORKERS "

A dissertation report submitted in partial fulfilment of the requirements for the award of degree of

Master of Computer Applications

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CERTIFICATE

This is to certify that **Prajwal Allayyanavar(2GI23MC063)**, **Pramod Poojari(2GI23MC065)**, **Santosh Sanninganavar(2GI23MC082)** *and* **Sushant Patil(2GI23MC102)** *have completed their Societal Project (22MCA36) entitled* **"JOB PORTAL FOR BLUE-COLLAR WORKERS"** *as a partial fulfilment for the award of the Master of Computer Applications degree, during the academic year 2024-25 under my supervision.*

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ABSTRACT

The "Job Portal for Blue-Collar Workers" is a web-based platform designed to connect blue-collar workers with employers seeking skilled labor in various industries, such as construction, manufacturing, logistics, and maintenance. This platform focuses on providing an easy-to-use interface, making job search and recruitment accessible for workers with varying levels of digital literacy.Developed using HTML, CSS, JavaScript, and PHP, the portal provides a responsive and intuitive user experience. The front-end is designed to be user-friendly and mobile-responsive, ensuring accessibility even for workers with limited access to advanced technology. JavaScript is used for real-time features such as dynamic job search filters, application status updates, and authentication, job posting, application management, and user profile management. The portal also features a MySQL database for storing user profiles, job listings, and application data securely. The system enables both workers and employers to create detailed profiles, apply for jobs, post new opportunities, and track application statuses. Key features of the Job Portal for Blue-Collar Workers include simple job search functionality, location-based job recommendations, skill-based filtering, direct employer-worker communication, and application tracking. Additionally, the platform includes a user-friendly admin panel to manage users, job listings, and applications.

This project aims to enhance employment opportunities for blue-collar workers by providing an accessible, streamlined platform that simplifies job search and hiring processes for both workers and employers, promoting better employment outcomes in manual labor industries.