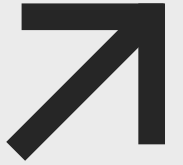# PHYTON MICRO PROJECT

APPLICATION TRACKING SYSTEM

A Smarter Way to Manage Applications

BY:

NIVETHA S(23CSR152)
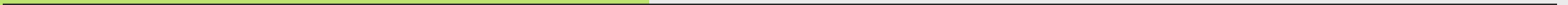ROSHINNI S(23CSR182)
SABARNA K B(23CSR185)

PROBLEM STATEMENT:

- Manual Tracking is inefficient.
- Difficult to manage large applications.
- Lack of real-time updates.

SOLUTION:

- Automated tracking and management.
- Real-time updates and notifications.
- Enhanced decision making with analytics.

TECH STACK / MODULES

Python

- pdfplumber
- re (Regex)
- spaCy
- json
- os & glob

WORKFLOW

1. Job Posting Interface
2. Resume Upload & Parsing
3. Candidate Scoring
4. Database Management
5. Interview Scheduling
6. Email Notifications
7. Reporting Dashboard

Resume Upload & Parsing

Process

1. Extracting Text from PDF
2. Extracting Key Information
3. Extracting Additional Resume Data
4. Sanitizing and Structuring Data
5. Saving Data to JSON

Candidate Scoring

Process

1. Read extracted data
2. Score candidates
3. Sort & shortlist
4. Print results

THANK YOU!!