

# DHANRAJ PANCHAL

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## Summary

Dedicated and enthusiastic Software Developer and Programmer, eager to embark on a fulfilling career in the dynamic world of software development. As an upcoming graduate in Computer Science in year 2024, I am equipped with a strong foundation in programming languages, web development, and database management. My primary goal is to secure an entry-level position in a forward-thinking organization where I can contribute my technical expertise and passion for coding to create cutting-edge software solutions.

## Work Experience

### Alpha Labs Pvt Ltd

#### Summer Internship

07/2023 - Present

##### Remote

- Developed an internship management system website using HTML, CSS, JavaScript, PHP, and MySQL.
- Implemented user registration and login functionality for students and admin.
- Designed a database schema to store intern data, including name, email, phone, college, course, and marks.
- Incorporated file upload handling for resumes in PDF, DOC, and DOCX formats..
- Utilized SQL queries to fetch and display intern data for recruiters.
- Developed error handling and validation to improve user experience and prevent data inconsistencies.

## Education

### Amity University Mumbai

#### BTech in Computer Science and Engineering

06/2021 - Present

- CGPA: 7.9/10

### KJ Somaiya Polytechnic

#### Diploma in Computer Engineering

08/2017 - 10/2020

- Percentage: 80%

## Projects

### HealthEngine

03/2023 - 06/2023

Developed a project that will use Machine Learning algorithms to give personalized health guidance to a user. It can also help users with prescription support and specific condition guidance

- Technologies Used - Machine Learning, Python and Tkinter

### Psychology Tests App

09/2021 - 10/2021

The App is specifically designed for Psychologists to take different kinds of Psychology tests through this app. The App then calculates the test results and presents it to the Psychologists. The Psychologists can then interpret the result and consult their clients accordingly. This app saves valuable time of both the psychologists and the client by reducing the time required to manually calculate the test results.

- Technology used - Android Studio and Kotlin

### Blood Distribution System

08/2022 - 10/2022

Developed a website for blood supply and demand and making an efficient distribution system. Connect hospitals and blood banks. So, they will know where the nearest bank with required blood type and number of units is present.

- Technologies used - HTML, CSS, PHP and PHPMyAdmin

## Skills

Languages: C • C++ • Java • Python • PHP • JavaScript

Frameworks: Java Servlets • NodeJS • Python Flask

Database: MySQL • PhpMyAdmin

#### Other Technologies:

Machine Learning Algorithms • Artificial Intelligence • PowerBI • Data Visualization • Big Data • Linux • Object Oriented and Design