

# DIPAK PATIL

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🌐 [Linkedin](#)

🐙 [Github](#)

🏆 [Codeforces](#)

🔗 [LeetCode](#)

🔗 [GeeksforGeeks](#)

## EDUCATION

**BJS Art's, Science, Commerce College Wagholi, Pune**

**2018 – 2021**

*BBA - Computer Application - **Percentage - 62***

*Pune, Maharashtra*

## COURSEWORK / SKILLS

- DSA
- Operating Systems
- Oops Concepts
- Computer Networks
- System Design
- Cloud Computing
- Software Engineering
- DBMS

## PROJECTS

**Interview Creation Portal** 🔗 | [Python](#), [Django](#), [Database](#), [SQLite3](#) (development), [IDE VS Code](#) **2024**

- Designed and launched an interview page enabling admins to select participants and set precise start/end times; improved coordination efficiency by 35 percent and streamlined interview scheduling processes.
- Developed an interview management feature allowing admins to create interviews by selecting participants and scheduling start/end times; increased scheduling efficiency by 40 percent and reduced administrative overhead by 25 percent.
- Developed an interview scheduling dashboard for admin, enabling visibility into all upcoming interviews; streamlined coordination efforts and reduced scheduling conflicts by 40 percent significantly enhancing operational efficiency.

**Online Banking System** 🔗 | [Oops](#), [Docker](#) and [DSA](#)

**2023**

- Engineered an Online Banking System leveraging Object-Oriented Programming principles, Docker for containerization, and Data Structures and Algorithms to ensure secure and efficient transaction processing
- Implemented authentication and authorization mechanisms to enhance security, ensuring only authorized users can access sensitive data and perform transactions.

**N Queens Visualizer** 🔗 | [React](#), [JavaScript](#), [CSS](#), [HTML](#), [Visualisation](#), [chess-queens](#), [Data-Structure](#) **2022**

- Such that no two queens attack each other.
- Developed a visualizer for the N Queens problem using React, JavaScript, CSS and HTML, integrating chess queens visualization and data structures to demonstrate algorithms solutions in a user friendly interface
- The n-queens puzzle is the problem of placing N queens on an N x N chessboard.

**Counselling Cell - Fusion** 🔗 | [HTML](#), [CSS](#), [React](#), [PostgreSQL](#)

**2021-22**

- Module Consists of 4-5 different types of users with different functionalities.
- Added **10-12 new features** like organize the user interface of the Module's **Home Page**
- Handle the database and integrated the module with other existing modules.

**i Coder Programming Quiz** 🔗 | [HTML](#), [CSS](#), [PHP](#), [MySQL](#), [SQL](#), [Xampp](#)

**2020**

- Designed and implemented the i Coder Programming Quiz using HTML, CSS for responsive design, PHP for backend logic, MySQL for database management, SQL for querying data, and Xampp for local server deployment
- Developed a user-friendly interface and robust backend to handle quiz creation, user registration, and real-time quiz results, improving user engagement and system reliability.

## TECHNICAL SKILLS

**Languages:** C++, C, JavaScript, SQL

**Technologies/Frameworks:** HTML5, CSS3, React, MongoDB, Express, Javascript, NodeJS, Bootstrap

**Developer Tools:** VS Code, PyCharm, IntelliJ, Canva

## CODING PLATFORMS

- Solved **500+** Problems on **Leetcode**. 🔗
- Solved **500+** Problems across **GeeksforGeeks** and **InterviewBit**. 🔗
- **Codeforces** 🔗

## CERTIFICATIONS

- Diploma Course in Graphics and Automation - Disha Computer Institute
- Php and MySQL - Spoken Tutorial IIT Bombay
- Advance C++ - Spoken Tutorial IIT Bombay