

# Piyush Shinde

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## Skills

**Languages:** Java, HTML, CSS, JavaScript, C#, C, C++

**Frameworks:** J2EE Spring Boot, Spring, Hibernate, Node.js, React.js, Entity, .NET

**Database:** MySQL, MongoDB

**Other:** Full Stack, MERN Stack, DSA, OOPs, Design Patterns, Solid Principles, DevOps, Git, Jira, Docker

## Projects

### Restaurant Management System (PG-DAC Major Project)

[code](#)

- Optimized restaurant operations, including menu management, order processing, optimizing bill generation and delivery tracking.
- By implementing an admin control system, the project significantly improved the overall customer experience and streamlined services for restaurants, customers and delivery persons.
- Leveraged modern technologies such as ReactJS for the frontend, Spring Boot for the backend, and MySQL as the database.
- Implemented DTO Design Pattern and Spring Security to ensure efficient data transfer and data security respectively.

### Quote Management System (MERN Stack Project)

[code](#)

- The system efficiently streamlines the management of quotes, providing fundamental CRUD operations for comprehensive quote handling. This encompasses essential functionalities such as retrieval, addition, updating, and deletion, contributing to an optimized and user-friendly experience.
- Users are granted the ability to personalize their quotes by marking them as favorites or removing them from the favorites list. Additionally, the application incorporates supplementary features, including user authentication with Sign In and Sign Up options, as well as Logout functionality, enhancing the overall user experience.
- Acquired practical skills in developing a contemporary, full-stack application, employing React.js for the user interface, Spring Boot for server-side functionality, and MySQL for database management.

### Employee Management System (Full Stack Project)

[code](#)

- An efficient and robust system has been implemented for the purpose of managing employee data. This system not only facilitates streamlined HR processes but also ensures the utmost accuracy in handling data, contributing to an effective organizational workflow.
- Substantial expertise has been acquired in the implementation of CRUD (Create, Read, Update, Delete) operations specifically tailored for managing employee records.
- Valuable hands-on experience has been garnered in the construction of an end-to-end application. This application developed using cutting-edge technologies such as ReactJS, Spring Boot, and MySQL.

### PC Remote Access

[code](#)

- Designed and conceptualized an Android application that remotely controls the hosting computer over Wi-Fi.
- Established the communication between the client android app and server using socket programming. Automated 110+ events conveyed by the client app using Java robot class.
- Technologies: Java, Socket Programming, Java Robot Class

## Achievements

Secured AIR-192 in CCAT (Common Admission Test) conducted by CDAC.

## Education

### Post Graduate Diploma in Advanced Computing ( PG-DAC )

Sunbeam Institute of Information Technology, Pune

03/2023 to 08/2023  
( 64.88 % )

### Bachelor of Technology

Vishwakarma Institute of Technology, Pune

08/2018 to 06/2022  
( CGPA - 8.62/10 )