

# Prathamesh Hendre

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## Profile:

Certified Computer Engineer with expertise in full-stack development. Passionate about problem-solving, scalable software solutions, and collaborative development. Seeking a challenging role to contribute technical skills and grow in a dynamic team environment.

## Education:

### POST GRADUATE DIPLOMA IN ADVANCED COMPUTING (PG-DAC) CDAC, PUNE | AUG 2024 – FEB 2025

Specialized in full-stack development using Java, Spring Boot, React, and MS.NET. | CCEE Score: 76.25% | Project: Task Buddy (Web-based Task Management System)

### BACHELOR OF ENGINEERING IN COMPUTER ENGINEERING FROM MES WADIA COLLEGE OF ENGINEERING, PUNE | MARCH 2024

Achieved Distinction | **Final Year Project:** Financial Market Trend Prediction using Machine Learning

## Technical Skills:

- **Programming Languages:** Java, C++, C#, SQL, C
- **Web Development:** HTML, CSS, JavaScript, React, Bootstrap
- **Backend Technologies:** Spring, Spring Boot, Hibernate, Node.js, .NET Core
- **Databases:** MySQL, SQL Server, Database Design
- **Tools & Technologies:** Git, GitHub, Maven, Postman, Jenkins, Docker, Kubernetes, AWS

## Projects:

### 1) Task Buddy:

**Description:** Designed and developed a web-based platform connecting customers with taskers for various household and skilled tasks.

#### Responsibilities:

Developed an interactive frontend with React and Bootstrap for enhanced user experience.

Built RESTful APIs using Spring Boot for seamless backend operations.

Implemented MySQL for efficient data management and optimized performance.

Developed an admin dashboard for managing users, taskers, and bookings.

Technologies Used: React, MS.NET, SQL Server, REST APIs, Git

**GitHub:** [GitHub Repository](#)

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### 2) CRUD Operations in Spring Boot

**Description:** A basic CRUD application built using Spring Boot and MySQL for an inventory system.

#### Functionality:

Create: Add new records to the database. Read: Retrieve records or view specific details.

Update: Modify existing records. Delete: Remove records when no longer needed.

#### Additional Features:

API testing & documentation using Swagger.

Implemented a layered architecture (controllers, services, repositories) for scalability.

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### 3)Financial Market Trend Prediction

**Description:** Developed a machine learning model to predict financial market trends using historical and fundamental data.

**Responsibilities:**

Collected and processed 20 years of financial data for analysis. Developed a hybrid model using LSTM and ARIMA to improve accuracy. Used BeautifulSoup for web scraping to enrich datasets. Designed an interactive frontend using Streamlit for visualization.

**GitHub:** [GitHub Repository](#)

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### *Certifications:*

- **Java Programming (Apna College)** – Covered Core Java, OOP, Collections, Multithreading, and Exception Handling.
- **React & DevOps (Simplilearn)** – Covered React lifecycle, hooks, state management, CI/CD pipelines, and containerization.

### *Strengths:*

- **Teamwork:** Collaborated effectively in CDAC projects with rapid 15-day module updates.
- **Adaptability:** Quickly learn and implement new tools in dynamic environments.
- **Analytical Thinking:** Developed practical solutions for complex project challenges.
- **Leadership:** Led project teams and mentored peers in academic and hackathon settings.