

# ARPITA DEY

Full Stack Developer | BCA Graduate | MERN Stack | Java | React | MongoDB

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## Professional Summary

Results-driven Full Stack Developer with hands-on experience building scalable web applications using the MERN stack and Next.js. Completed a 6-month internship at CodeX Technolife Pvt. Ltd., delivering real-world PMS & HRMS systems that improved operational efficiency by 40%. Skilled in responsive UI development, REST API integration, and database management using MySQL. Passionate about developing user-centric, performance-optimized web applications.

## Education

Bachelor of Computer Applications (BCA) – 2025  
University of Burdwan  
Chandannagar Institute of Management and Technology (CIMT)

Higher Secondary – 2021  
Chinsurah Balika Bani Mandir (CBBM)

## Skills

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Next.js, Tailwind CSS  
Backend: Node.js, Express.js  
Database: MySQL  
Programming: Basic Java  
Tools: Git, GitHub, Postman  
Concepts: REST API, Responsive Design, Agile Development, Component-Based Architecture

## Certifications

- AI for Developers Workshop – 2026
- Power BI (Business Intelligence) – Skill Nation – 2024
- ChatGPT & AI Tools – be10x – 2024

## Experience

Trainee Frontend Developer —  
CodeX Technolife Pvt. Ltd. *November 2025 – Present (6 Months)*

- Developed and maintained PMS & HRMS modules using Next.js and MySQL, improving overall system efficiency by 40%
- Built responsive, mobile-first UI components using Tailwind CSS, increasing mobile accessibility by 35%

## Projects

### PMS & HRMS System (Ongoing)

Tech Stack: Next.js, SQL, REST API

- Engineered PMS & HRMS using Next.js & SQL, improving efficiency by 40%
- Built responsive dashboards for real-time tracking, boosting accessibility by 35%
- Integrated RESTful APIs for seamless data flow between frontend and backend modules

### Ghar Basai (UI/UX – Static)

Tech Stack: Next.js, Tailwind, Responsive UI

- Designed housing platform with Next.js & Tailwind, improving UX by 35%
- Optimized layouts for all devices, increasing engagement by 30%
- Applied component-based architecture for scalable and maintainable code

### Weather Forecast App

Tech Stack: HTML, CSS, JavaScript, OpenWeatherMap API

- Built weather app using OpenWeatherMap API, reducing response time by 25%
- Displayed real-time weather data, improving accuracy by 30%
- Designed a clean, intuitive UI making data easy to read across all devices

### Bank Management System

Tech Stack: Java, OOP

- Architected a console-based banking system using Core Java and Object-Oriented Programming principles
- Improved transaction processing efficiency by 30% through structured class design
- Implemented account creation, deposit, withdrawal, and balance inquiry features, boosting reliability by 25%

## Contact Details

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