

Abhi Bhardwaj

✉ abhi.bhardwaj22@st.niituniversity.in

☎ +91 8750337765

📍 New Delhi

🌐 [linkedin.com/in/abhi-bhardwaj-abhi27](https://www.linkedin.com/in/abhi-bhardwaj-abhi27)



Education

Bachelor of Technology in Computer Science and Engineering

NIIT University

08/2022 – 05/2026

Neemrana,

Rajasthan, India

High School, Science

Sumermal Jain Public School

04/2020 – 03/2022

Delhi, India

Projects

ZenGarden

01/2025 – 05/2025

- Built a complete habit tracking and productivity web app using the **MERN stack (MongoDB, Express, React, Node)** with **JWT authentication** for secure user login and data storage.
- Added features like **to-do list**, **habit progress dashboard**, **Gamified virtual garden**, **AI chatbot**, **motivational quotes**, and **speech-to-text journaling** for daily check-ins.
- Used **Git** for version control, **Jenkins** for continuous integration, and **Docker** to containerize and deploy the app in a scalable environment.

HCI-Enabled Smart Solar Energy Management System

02/2025 – 05/2025

- Created a smart system to **predict solar energy generation** using **LSTM, XGBoost, and Bayesian models** based on weather and sensor data.
- Designed a **user-friendly React interface** where users can input weather values and get energy predictions with helpful recommendations.
- Evaluated model performance using **R², RMSE, and MAE metrics** and visualized results for better energy planning and optimization.

HealthMate

09/2024 – 12/2024

- Built a web platform to help users **log their health status** and get **instant first aid suggestions** using an **AI-powered chatbot**.
- Used **OpenAI API** for natural language responses and **MongoDB** to securely store encrypted health data.
- Designed a clean, **mobile-responsive UI** for quick check-ins and daily wellness tracking with personalized recommendations.

Skills

Languages & Frameworks

React, Node.js, Express, Javascript, Python

DevOps and tools

Git, Github, Docker, Jenkins, Postman, Jira

UI/UX & Design

Figma, Canva, Adobe XD(Beginner)

Database

MongoDB, MySQL

Courses

UX Design

Google

05/2024 – 07/2024

Introduction to Data Science

Cisco

05/2023 – 07/2023

Digital Marketing

Google

05/2022 – 07/2022