Abhishek Vasant Deshmukh

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Professional Summary

Ambitious Computer Applications graduate proficient in React, Node.js, and Cloud services.

Blending UI/UX Design with Data Science to create beautiful, functional, and analytically-sound web applications. Passionate about building high-performance software that solves real-world problems through clean code and user-focused design.

Education

Goa Business School, Master in Computer Applications – Taleigao, North Goa July 2025 – present
- GPA: 7.2/10
- Key Electives: Data Analytics, Data Mining

Dhempe College Of Arts and Science, BS in Computer Science – Miramar, Panjim June 2023 – June 2025
- GPA: 7.35/10
- Acitivities: NSS Volunteer
- Key Electives: Embedded Systems, Human Computer Interaction

Skills

Programming: Java, SQL

Mathematics: Good understanding of differential equations, calculus, and linear algebra

Languages: English ,Hindi, Marathi(Native) ,Konkani

Experience

Freelance Web Developer, Artisan's Canvas – Remote Nov 2025
- Designed and deployed a responsive web application for a local artist to showcase a digital gallery of custom artworks.
- Implemented a dynamic review system to build social proof and enhance artist-client trust.
- Developed a custom inquiry workflow that replaced fixed pricing with a requirement-based quote system, improving lead quality.
- Resulted in a 40% increase in digital inquiries within the first month of launch

Projects

Smart Valve – Solve for Goa Hackathon 2025 Dec 2025 – present
- Co-engineered a full-stack ecosystem, integrating ESP32 sensors, an Android control app, and a Vite.js web dashboard.
- Collaborated to engineer a real-time telemetry to monitor critical metrics including water pressure (PSI), valve turns, and flow duration to identify distribution bias.
- Implemented a hybrid data pipeline bridging a local MySQL database with a cloud-hosted Vercel frontend via Ngrok tunneling and delivered a transparent user experience, ensuring low-latency data visualization for public accountability.

GPS4GBS: Campus Navigation System Oct 2025 – Nov 2025
- Implemented pathfinding logic to calculate and visualize the most efficient route between lecture halls and staff cabins

- Developed an interactive mapping engine that retrieves specific building layouts based on unique "Map Codes" entered by the user.
- Designed a user-friendly interface allowing users to dynamically select "Start" and "Destination" nodes to generate real-time navigational guides.
- Digitized the campus infrastructure, converting physical building layouts into a searchable digital graph network for easy accessibility.