Sharad Jadhav

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Education

Vellore Institute of Technology – Bhopal, B.Tech in Computer Science　　　　　Sep 2022 – Present

Skills

Languages & Frameworks: C++, Python, JavaScript, React, Next.js, Node.js, Express.js, HTML, CSS, Tailwind

Tools & Technologies: Git, GitHub, Digital Ocean, AWS, Supabase, Firebase, MongoDB, REST API

Soft Skills: Team Leadership, Cross-Functional Collaboration, Adaptable

Experience

Software Developer, Blackbytt – Remote　　　　　Apr 2024 – Jan 2025

- Designed and launched a high-impact Shopify Badges app, empowering merchants to showcase product highlights and increasing customer engagement by 30%.
- Delivered custom Shopify themes using Liquid, HTML, CSS, and JavaScript, enhancing responsiveness and improving average session duration across client stores.
- Orchestrated deployment and monitoring of Shopify apps on DigitalOcean, sustaining 99.9% uptime. Implemented automated QA/testing that cut post-launch bugs by 40% and accelerated issue resolution by 50%.

Projects

EventBooking Platform (Next.js, Node.js, Express.js, MongoDB)　　　　　GitHub

- Engineered and deployed a full-stack event booking application, enabling user authentication, event creation, and registration.
- Implemented robust user authentication with role-based access control for both administrators and general users, leveraging bcrypt for password hashing and JSON Web Tokens (JWT) for secure session management.
- Developed and integrated APIs using Node.js and Express.js to manage events and user registrations, storing data in a MongoDB database.
- Designed a responsive and intuitive user interface with Next.js, incorporating NextUI and Tailwind CSS for a seamless user experience across devices.

Portfolio Management (TypeScript, Next.js, Firebase)　　　　　GitHub

- Engineered a full-stack platform with Next.js and Firebase, automating portfolio updates and reducing manual maintenance effort by 90%.
- Built a project management dashboard with drag-and-drop, CRUD APIs, and bulk operations, cutting admin work significantly.
- Integrated Firestore with Vercel Blob Storage to unify data and assets, powering real-time dashboards with GitHub commit feeds, uploads, and live metrics.

YouTube Downloader (SwiftUI, YT-dlp, FFmpeg)　　　　　GitHub

- Developed a SwiftUI-based macOS app to download and convert YouTube videos/audio with streamlined workflows.
- Automated video parsing via yt-dlp and integrated FFmpeg for high-quality transcoding, enabling flexible format/quality options.
- Crafted a minimalist, responsive UI that simplified media downloads and improved usability for non-technical users.

Achievements and Certifications

- **Summer of Bitcoin Student Contributor (2025) –** Ranked among the top finalists globally out of 3000+ applicants, successfully completing all technical challenges.
- **Hacksagon Finalist (2025) –** Recognized for developing a smart home automation system with advanced IoT integration.
- **Smart India Hackathon Semi-Finalist (2023 & 2024) –** Selected twice for innovative projects on smart street lighting and encryption algorithm identification.

Co-curricular

- Led web development teams for both the Data Science Club and Mozilla Firefox Club, designing and maintaining websites that boosted user engagement by 40% and event registration by 25%.
- Won 1st place at National Science Day competition with a Smart Home Automation prototype showcasing innovative IoT applications.