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, SwiftUI, React, Next.js, HTML, CSS, Tailwind

Tools & Technologies: Git, GitHub, Xcode, Digital Ocean, Firebase, MongoDB, REST API, LLM Integration

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

CommandLineGenius (Swift, Xcode, Ollama)   GitHub

- Built a macOS CLI tool that converts natural language into shell commands, handling multi-part queries while ensuring complete local data privacy.
- Integrated Ollama's REST API for on-device LLM inference, streamlining injection of AI-generated commands into Zsh and Bash environments.
- Authored optimized prompts that consistently produced reliable one-line commands, reducing command recall effort by 80% and improving developer productivity.

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 68 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.