

VISHWAS PATEL

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EDUCATION

Folsom Lake College

Aug 2023 – May 2025

Bachelor of Science in Computer Science (GPA: 4.0/4.0)

Folsom, CA

- **Relevant Coursework:** Data Structures, Algorithms, Problem Solving, Structured Programming, and Object Oriented Programming

EXPERIENCE

Software Developer

Mar 2025– Present

AlvyAI

Folsom, CA

- Designed and implemented the full-stack application using **Next.js**, **TypeScript**, **Node.js**, and **PostgreSQL**, integrating **AI agents**, **speech recognition**, and **conversational feedback loops** for an immersive learning experience
- Deployed scalable infrastructure using **Docker** and **AWS**, and achieving steady user growth and engagement from early adopters

Development Engineer Intern

Dec 2024 – Present

City of Sacramento

Sacramento, CA

- Skills: Communication, Data Entry, Data, Computer-Aided Design (CAD), Simulation Software, Documentation, and Software Documentation

Freelance Software Developer

Jan 2024 – Feb- 2025

Self-Employed

Folsom, CA

- Developed **10+** dynamic websites, enhancing user engagement by up to **35 percent** through optimized UI/UX design and performance improvements.
- Provided web solutions for local startups, boosting their digital presence and increasing user traffic by an average of **25 percent**.
- Designed and built multiple portfolio websites for professionals, ensuring responsive layouts and seamless user experiences.

Designer

Jun 2023 – Aug 2023

Robinsville Akshardham

Robinsville, NJ

- Skills: Auto Desk Fusion 360, Communication, Leadership, and Engineering
- Engineered a large-scale 3D model in Fusion 360 for the world's second-largest Hindu temple, optimizing construction efficiency and precision.
- Also, helped construct several other mini projects

PROJECTS

Alvy AI | *Next.js, AssemblyAI, OpenRouter, Gemini, Amazon Polly, Convex, StackO, TailwindCSS*

Apr 2024

- Engineered an **AI-driven** voice assistant by integrating **AssemblyAI** for live speech-to-text, **OpenRouter/Gemini** for AI responses, and **Amazon Polly** for text-to-speech, enhancing **real-time** conversational learning.
- Developed a responsive user interface using TailwindCSS v4 and real-time database management and StackO for seamless authentication, facilitating scalable and secure self-hosting capabilities.

Xpenza | *Next.js, React, Tailwind CSS, Drizzle ORM, PostgreSQL*

Mar 2025

- Developed and deployed a full-stack web application that helped **200+** people monthly manage and save their Expenses.
- Utilized **ReactJS** for UI, implemented **real-time data handling** with **Drizzle ORM**, enabling dynamic budget creation, expense tracking, and analytics dashboard.
- Configured serverless **PostgreSQL on Neon** and deployed the app on Vercel

TECHNICAL SKILLS

Languages: Python, C++, C, HTML5, CSS, JavaScript

Developer Tools: AWS, Postman, Git, Docker, Supabase

Libraries/Frameworks: React Js, NextJS, NodeJS, PostgreSQL, Flask, Jupyter Notebook