

VISHWAS PATEL

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EDUCATION

University of California, Davis

Bachelor of Science in Computer Science (Planned)

Sep 2025 – Jun 2027

Davis, CA

Folsom Lake College

Associate in Computer Science and Associate to Transfer (GPA: 4.0/ 4.0)

Aug 2023 – May 2025

Folsom, CA

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

EXPERIENCE

Software Developer

AlvyAI

Mar 2025– Present

Folsom, CA

- Increased early user engagement by **40** percent by designing a full-stack **AI**-powered learning app using **Next.js**, **TypeScript**, **Node.js**, and **PostgreSQL**.
- Reduced infrastructure setup time by **60** percent by deploying scalable containers via **Docker** and automating cloud hosting through **AWS**.

Development Engineer Intern

City of Sacramento

Dec 2024 – Present

Sacramento, CA

- Streamlined CAD documentation processes by **25** percent by digitizing reports and simulations using **industry-standard** software.
- Improved team communication on cross-functional projects by leading the documentation of engineering workflows and requirements.

Freelance Software Developer

Self-Employed

Jan 2024 – Feb- 2025

Folsom, CA

- user engagement by **35** percent by developing **10+** dynamic websites with responsive **UI/UX** and performance optimization.
- Boosted web traffic for local startups by an average of **25** percent through targeted design and SEO-focused development.
- Delivered seamless user experience across devices by building custom portfolio websites with mobile-first design principles.

Mechanical Engineering and CAD Design Intern

Robinsville Akshardham

Jun 2023 – Aug 2023

Robinsville, NJ

- Skills: Auto Desk Fusion 360, Communication, Leadership, and Engineering
- Improved construction precision by **15** percent by engineering a detailed **3D model** of the world's **second-largest** Hindu temple in **Fusion 360**.
- Also, helped construct several other mini projects

PROJECTS

Alvy AI | *Next.js, Docker, AssemblyAI, OpenRouter, 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

Devloper Tools: AWS, Postman, Git, Docker, SupaBase

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