

YASHVI JASANI

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SUMMARY

Software Engineer & AI Developer skilled in designing scalable distributed systems, integrating machine learning models, and deploying production-grade cloud architectures on AWS and Supabase. Experienced in React, Next.js, TypeScript, and OpenAI APIs with a strong foundation in algorithms, data structures, and system design.

EDUCATION

Barrett, The Honors College, Arizona State University, Tempe, AZ May 2026
Bachelor of Science in Computer Science, Minor in Business 3.52 GPA

- NAMU Scholarship of \$11,500 yearly

SNK - IB, Rajkot, IND February 2023
International Baccalaureate 3.8 GPA (38/45)

TECHNICAL SKILLS

Languages: Java, JavaScript, Typescript, Ruby, HTML, CSS, SQL

Frameworks & Libraries: React, Next.js, Ruby on Rails, Tailwind CSS, TensorFlow, PyTorch

Tools & Platforms: Supabase, AWS (Lambda, EC2), Firebase, Docker, GitHub

Core Skills: Distributed Systems, API Design, Data Structures & Algorithms, CI/CD, Scalable Architecture, LLM Integration

CAPSTONE PROJECT

Pono Pono Peace Initiative - Website Redesign Project August 2025 - Present

- Currently leading the redesign of the website, focusing on user experience, mobile responsiveness, accessibility, and ethical design practices.
- Designed and prototyped a responsive site layout featuring streamlined navigation, integrated donation and engagement tools, and multimedia storytelling.
- Preparing a comprehensive ethics and risk management report and collaborating with team members to ensure ethical and inclusive design choices.

WORK EXPERIENCE

Sevasya – AI for Caregivers | Next.js, Supabase, Twilio, Vapi, OpenAI API May 2025 - Present

- Co-founded an AI caregiving assistant and developed a cost-optimized calling system with Supabase Edge Functions and cron-scheduled batching; automated reminders, compliance tracking, and caregiver communication while cutting infrastructure costs by ~60% through staggered, rate-aware execution.
- Designed a serverless call workflow with Vapi, webhooks, and custom logic to automate wellness and medication reminders, integrating post-call processing with OpenAI to generate dynamic session summaries and actionable caregiver insights.
- Built and deployed Sevi, an AI voice agent and chatbot using Vapi + OpenAI, supporting real-time Q&A, lead qualification, and memory-aware follow-ups via RAG on Supabase + pgvector.

MoveCars.com, Tempe, AZ: Software Engineering Intern January 2025 - May 2025

- Developed full-stack features in React and Ruby on Rails integrating REST APIs and AWS services for dynamic content delivery that improved user engagement and increased session duration.
- Enhanced frontend performance and accessibility, improving Core Web Vitals by 15%
- Participated in code reviews, Agile sprints, and CI/CD pipeline optimization, improving release efficiency by 20%.