

Shreyansh Sharma

Long Beach, CA | (562) 225-7841 | shreyansh.sharma01@student.csulb.edu
shreyanshsharma.dev | linkedin.com/in/sharmasshrey | github.com/shrey1110-dotcom

CSULB computer science student building AI and data-driven products across the stack in Python, JavaScript, React, and REST APIs, with experience turning ambiguous problems into reliable workflows for real users.

EDUCATION

California State University, Long Beach

B.S. in Computer Science, GPA: 3.5

Long Beach, CA
Expected May 2027

Relevant Coursework: Data Structures, Algorithms, Database Systems, Systems Programming, Computer Architecture, Discrete Structures

EXPERIENCE

Founder and Solo Engineer

March 2026 - Present

RETAIN AI | retain-ai-eight.vercel.app

Remote

- Architected a multi-tenant SaaS messaging platform in Next.js, React, TypeScript, Supabase, PostgreSQL, and Twilio so local businesses could automate inbound customer support without custom engineering work.
- Designed runtime-configurable REST services for FAQs, tone, escalation rules, and tenant workflows, enabling per-customer behavior changes with **zero redeploy**s and faster iteration on production use cases.
- Shipped a hybrid AI routing pipeline that processed **4M+ message exchanges** at **150-250 ms p95** with a **0.4% error rate** so conversations stayed reliable under real customer load.
- Stress-tested the platform at **500 concurrent users** and added Playwright plus Vitest coverage to improve release confidence before shipping updates across tenants.

AI Voice Engineering Contributor

May - August 2025

Rezolve.ai

San Francisco Bay Area Remote

- Improved prompt and routing behavior for Rezolve VoiceIQ, decreasing failure cases by **30-35%** and strengthening automation-to-agent handoffs so IT and HR requests reached the right support path faster.
- Accelerated feature release cycles by **45%** through async testing and written design feedback with a **5-engineer team**, helping enterprise voice features ship faster with clearer requirements.
- Built API and ITSM integrations plus backend decision paths so support requests could be routed more reliably, securely, and maintainably before rollout to **Fortune 500** clients.
- Hardened escalation coverage across customer-facing voice workflows, reducing brittle edge cases and improving maintainability as enterprise deployments expanded.

PROJECTS

KalaAI

Demo

Next.js, React, TypeScript, Computer Vision

- Built a full-stack AI marketplace so users could browse, validate, and discover AI-generated products in one workflow instead of moving between separate generation and shopping tools.
- Implemented category-level origin detection across **120+ product categories** and a shorts-style discovery feed, turning model outputs into a usable consumer product experience.

ResilientAid

Demo

React, TypeScript, Polygon, Solidity, Chainlink

- Built a full-stack aid distribution protocol with **4 stakeholder interfaces** for donors, recipients, vendors, and admins so transactions could be tracked end-to-end across a multi-party workflow.
- Engineered offline QR payments and smart-contract settlement logic that supported **425 tx/s** with **0% platform fees**, making aid delivery cheaper and more reliable in low-connectivity settings.

VeriDegree

Demo

Next.js, Algorand, Zero-Knowledge Verification

- Built a decentralized credential verification platform with soulbound academic records and privacy-preserving verification so credentials could be shared without exposing full personal data.
- Designed issuance and validation flows that made tamper-resistant degree checks self-serve for employers while keeping student records portable and harder to fake.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, Java, C/C++, Go

Frameworks: React, Next.js, Tailwind CSS, HTML/CSS, Node.js, FastAPI, Express, Flask, REST APIs, Java/Spring exposure

Data and Tools: PostgreSQL, MySQL, MongoDB, Supabase, AWS, Docker, Git/GitHub, CI/CD, Playwright, Vitest, MCP, Gemini API

LEADERSHIP

Treasurer

2024 - Present

Chess Club, CSULB

Long Beach, CA

- Secured **5 ASI grants**, helped run **10+ events**, and contributed to **40% membership growth** through budgeting, planning, and consistent follow-through. Campus Involvement: SASE member, Tabletop Club member.