

SHREY BISHNOI

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EDUCATION

Arizona State University

Aug 2025 – May 2027

Master of Science in Computer Science (GPA: 4.17)

Tempe, AZ

Coursework: Data Processing at Scale, Data Mining, Foundations of Algorithms, Statistical Machine Learning, Knowledge Representation & Reasoning, Software Verification, Validation & Testing

Maharaja Agrasen Institute of Technology

Aug 2019 – Jul 2023

Bachelor of Technology in Computer Science & Engineering

New Delhi, India

EXPERIENCE

Software Engineer | ZS Associates

Sep 2023 – Jun 2025

- Modernized a **15-year legacy ETL platform** used by **100+ enterprise clients**, building scalable workflows with **React, Node.js, MySQL, and PostgreSQL**.
- Onboarded **10+ enterprise clients** from configuration to live production, accelerating adoption by **3×** through platform generalization, client demos, and deployment support.
- Reduced manual data processing effort by **40%+** by implementing reusable **SQL-based ETL logic, stored procedures, validation scripts, and automated reporting workflows**.
- Accelerated release cycles by **2×** and reduced deployment issues by integrating **CI/CD pipelines** for ETL workflows.

Software Engineer Intern | Dreadnought

Jun 2022 – Aug 2022

- Delivered **15+ client applications** by building production-ready frontend systems, reusable UI components, and client-facing product workflows.
- Reduced client time-to-launch by **50%** by handling deployment, domain setup, Cloudflare configuration, and **AWS EC2** hosting.

Full-Stack Developer Intern | Andwemet Pvt Ltd

Jun 2021 – Oct 2021

- Sole engineer on the production admin dashboard for an India-based matchmaking platform serving **2,400+ users**, owning architecture, implementation, and rollout end-to-end while reporting directly to the founder.
- Built an **SSR React Router v7 + Cloudflare Workers** dashboard with **Better Auth (Google OAuth)** and **Turso/libSQL** session storage, replacing a Google Sheet-driven operations workflow.
- Designed a **strangler-fig migration** from a legacy Sheet → MongoDB sync pipeline to dashboard-native writes via MongoDB Atlas driver, without breaking the existing **15-minute GCP cron sync** relied on by the WhatsApp bot.
- Hardened the data layer by rotating hardcoded RestHeart Basic Auth credentials to Wrangler secrets, adding role-based access over Better Auth, introducing soft-delete semantics.

PROJECTS

Ghosty | Kiro Spark Challenge 2026 Best Collab Winner (\$1,500)

2026

- Built an **AI-powered conference companion** that helps students and professionals convert networking conversations into referrals, interviews, mentorship, and job opportunities.
- Implemented **voice-first capture** using **OpenAI Whisper** for transcription and **Claude API** for extracting contacts, opportunities, follow-ups, and outreach drafts.
- Designed **connection value scoring**, QR Quick Add, relationship search, and AI-generated LinkedIn/email follow-ups using **React Native, Expo, TypeScript, Supabase, and Deno edge functions**.

Agent Nomad | VillageHacks Bonus Hack Winner

2026

- Built a **belief-aware AI agent marketplace** where agents bid on tasks based on confidence, improving task routing quality using **ThinkN**.
- Integrated **Claude, Tavily, AutoDB, and Postgres** to support real-time research, reasoning workflows, and natural-language queries over live marketplace data.

SKILLS

Languages: Python, JavaScript, TypeScript, C++, SQL — **Backend/Data:** Node.js, FastAPI, REST APIs, ETL, SQL Optimization — **Frontend:** React, React Router v7, React Native, Expo — **Databases:** PostgreSQL, MySQL, MongoDB, Turso/libSQL, Supabase — **AI/ML:** OpenAI Whisper, Claude API, scikit-learn — **Cloud/DevOps:** AWS, Cloudflare Workers, Docker, CI/CD, Git