

# Jaabir Ahamed Saleem

San Jose, CA

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## Education

**San Jose State University**  
*B.S. in Software Engineering*

**Expected June. 2027**  
*San Jose, CA*

## Technical Skills

Languages: Python, JavaScript/TypeScript, C#, SQL

Technologies: Next.js, React, Node.js, Tailwind, REST APIs, Supabase (Auth, Storage, RLS), PostgreSQL, Docker, Git/GitHub

AI / LLM: Google AI Studio (Gemini), PDF parsing/chunking, prompt & JSON-schema design

## Experience

**Salam Food Pantry (Nonprofit)**

**Jun. 2025 – Present**

*Product / Software Engineer (Volunteer)*

*Fremont, CA*

- Delivered full-stack MVP using Next.js and Supabase for real-time volunteer coordination and automated reporting, reducing admin workload by 80% for 47+ seniors monthly.
- Built role-based authentication, bulk data import, and multilingual admin dashboards to standardize intake and improve data quality across programs.
- Set up Supabase RLS policies and audit logging to protect PII while still enabling aggregate reporting for donors and board members.

**Mainspring Energy**

**Jan. 2025 – May 2025**

*Software Engineering Intern (University Project)*

*Remote*

- Developed Python & FastAPI service translating between HTTP and DDS, cutting integration time for new data types by 60% and manual conversion errors by 80%.
- Implemented connection pooling and request batching, decreasing latency on frequent operations by 30% and increasing distributed-system throughput.
- Collaborated with platform team to containerize the service with Docker and add health checks / metrics endpoints for observability.

## Projects

**BrainDeck — AI Study Decks from PDFs** | *Next.js, Supabase, Google AI Studio (Gemini)*

**Aug. 2025 – Present**

- Convert course PDFs into editable Q-A/cloze flashcards with page citations, tagging, and spaced-repetition scheduling.
- Designed upload pipeline (extract → chunk → LLM (Gemini) → JSON validate) with provenance and difficulty tags stored in PostgreSQL.
- Implemented Quiz Mode (Kahoot-style) plus progress tracking, and hardened auth/routing for first-time sign-in and landing flows.

**Photo Album Manager** | *Java (Swing), MVC, Iterator, Strategy*

**Mar. 2025 – Jun. 2025**

- Built desktop photo manager supporting add/view/delete and sort by name, date, and size, with robust error handling for empty albums and invalid paths.
- Applied MVC, Iterator, and Strategy patterns to separate UI, model, and sorting behavior for easier extension and testing.

## Leadership & Activities

**SJSU High Speed Autonomous Plane (H.S.A.P.)**

**Aug. 2025 – Present**

*Project Manager*

*San Jose, CA*

- Lead multidisciplinary team of 20 using GitHub Projects and Jira to plan sprints, track issues, and deliver iterations on schedule.