

# 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.