

# Shazeb Wani

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## EDUCATION

### Georgia Institute of Technology

Bachelor of Science in Computer Science GPA: 4.0/4.0

Atlanta, GA

Expected Graduation Dec. 2026

### Relevant Coursework

Object-Oriented Programming, Data Structures & Algorithms, Objects & Design, Database Systems

## EXPERIENCE

### Software Engineer Intern

Jan. 2025 – July 2025

Hachi LLC

Harrisonburg, VA

- Led the in-meeting analytics page for a Zoom App (React + Express), visualizing meeting score, engagement, and talk time; persisted session and participant metrics in PostgreSQL for analytics reporting.
- Integrated the Zoom Apps SDK to render the app inside calls; contributed to auth flows with Zoom OAuth and Google Sign-In, adding server-side token validation and protected routes.
- Designed REST APIs for analytics (sessions, participants, aggregates) and added Redis caching for computed rollups to reduce repeated queries under concurrent meetings; containerized local dev with Docker.

### Technical Lead

Oct. 2024 – Present

Muslim Tech Collaborative

Atlanta, GA

- Built a responsive Flask app with accessible UI, client-side validation, and an admin review dashboard for triage.
- Implemented a REST backend on SQLite with server-side validation, structured logging, and role-based access.
- Deployed on Heroku with environment configuration and automated builds; added health checks, log-based monitoring, and uptime alerts.
- Prototyped OpenEMR (Django + React) with initial data models, auth flows, and basic CRUD for patients and providers.

### Machine Learning Engineer

Jan. 2023 – Mar. 2023

InspiritaI

- Built a pneumonia detection model achieving 92% accuracy by training a VGG-16 CNN on chest X-ray datasets (TensorFlow/Keras, scikit-learn).
- Reduced false negatives by 15% via an image preprocessing pipeline (normalization and augmentation) implemented in TensorFlow/Keras.
- Optimized inference time through model quantization and batched execution, improving real-time diagnostic potential.

## PROJECTS

### Univo | React (Vite), Node.js/Express, Firebase, Stripe

May 2025 – Present

- Designed a campus marketplace with role-based auth and protected routes; shipped REST APIs for users, listings, carts, and orders.
- Automated order lifecycle with Stripe Checkout + webhooks and server-side validation; centralized environment configuration.
- Built a responsive SPA with search/filter and real-time updates using Firebase Realtime Database.

### Modah | Expo, React Native, Firebase, OpenAI API

Nov. 2024 – Present

- Built an AI-powered fashion e-commerce MVP with personalized recommendations using the OpenAI API; implemented product catalog and recommendation endpoints.
- Optimized modular navigation and dynamic routing in React Native, reducing load times by 25%.
- Implemented Firebase Realtime Database and Authentication for secure, scalable, real-time data sync.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript/TypeScript, Python, SQL, HTML/CSS

**Frontend:** React, React Native, Vite

**Backend & APIs:** Node.js, Express, REST APIs, Webhooks, Auth (OAuth 2.0, JWT)

**Databases:** PostgreSQL, MySQL, SQLite, Firebase Realtime Database

**Infra & Tools:** Git, Docker, Redis, Heroku, Vercel, Firebase Admin SDK, Stripe

**Practices:** Data Modeling, Caching, Secure configuration, Agile, Responsive Design