# Shaun Jhingoor

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## SKILLS

**Languages:** JavaScript | TypeScript | SQL | Ruby | Python
**Frameworks/Libraries:** React | Redux | Ruby-on-Rails | Express.js | Mongoose.js | Node.js | Next.js
**Database Technologies:** PostgreSQL | SQLX | MongoDB | Firebase FireStore | DynamoDB | Pinecone | Convex
**Other Technologies:** AWS (Lambda, API Gateway, S3, Bedrock) | GCP | Pinata | Viem | Langchain | OpenAI | Stripe |
Jupyter Notebook | Webpack | Babel | Git | JSON | jBuilder | Tailwind CSS | Material UI | Clerk

## EXPERIENCE

**Capital One Developer Academy (CODA),** *Software Engineer Trainee*  - Richmond, VA                August 2025 - Present
- Developing full-stack apps with HTML, CSS, JavaScript, and FastAPI under RESTful MVC design.
- Creating APIs and backend services integrating third-party (Twitter, Yelp) data and secure cloud storage.
- Collaborating in agile sprints with Git and CI/CD, deploying to Capital One's AWS-based infrastructure.

**Stealth Startup,** *Founding FullStack Software Engineer* - Remote                October 2024 - July 2025
- Designed and deployed an AI-driven chatbot integrated into a web platform for dynamic user interaction.
- Automated smart contract interactions and backend tasks using GitHub Actions and webhooks.
- Contributed to decentralized product features, including blockchain-based logic and secure asset handling.

**Headstarter,** *Software Engineering Fellow* - Remote - [Live Sites](#)                July 2024 - September 2024
- Coached by Amazon, Bloomberg and Capital One engineers on Agile, CI/CD, Git and Microservice patterns.
- Led three engineering fellows in developing four AI projects from design to deployment using MVC design patterns.

**Headstarter Hackathon,** *Finalist: Top 3 of 600 groups. Worked in team of five* (Rilla Sponsor) - [Live Site](#) | [Github](#)
Rilla: Company focused on optimizing sales call training, enabling trainers to conduct effective sessions from anywhere.
- Backend Lead for hackathon project that improved transcript-review and feedback workflows for sales-training analysis by 30%.
- Built scalable backend with AWS Lambda, DynamoDB, and API Gateway, following RESTful architecture.
- Assisted with API integration and developed chatbot using OpenAI and Pinecone with RAG, enhancing accuracy and relevance in user interactions with the database by 80%.

**Seniorcare, EMT** - New York, NY                December 2022 - June 2023
- Triaged and provided emergency medical care and transport to critical patients, strengthening the skill of practicing in a high-stress environment through critical decision-making.
- Trained 10+ new hires in industry standards and emergency protocols, strengthening leadership skills.

## PROJECTS

**All Adventure** (Rails, React, Redux, AWS, PostgreSQL, SQL, Google API, JavaScript, CSS) - [Live Site](#) | [Github](#)
Developed using Ruby on Rails backend and React frontend. Provides users with tools to discover and plan their next outdoor adventure.
- Executed user feature that enables creating, reading, updating, and deleting of reviews and ratings on trails, by making use of custom React routes and Rails backend for more interactive experience for community users.
- Optimized rendering efficiency by developing custom jBuilder view in Rails backend, reducing load times by 40% through simultaneous transmission of multiple forms of information.
- Incorporated AWS S3 cloud storage for hosting photos, resulting in increased image load time and consistency by 75%.
- Adopted PostgreSQL as relational database management system, leveraging its robust features such as ACID compliance and extensibility to ensure efficient data storage, retrieval, and management of application.
- Crafted and executed SQL queries to generate dynamic search results, optimizing database performance and ensuring accurate retrieval of relevant information.

**AI-FlashWorld** (OpenAI, Firebase, Stripe, Next.js, TypeScript, Redux) - [Live Site](#) | [Github](#)
Backend & AI Lead – Team of four | Built to accelerate student learning through AI-powered personalization.
- Led backend and AI development for SaaS flashcard platform that generated personalized study sets and AI-generated adaptive practice tests from uploaded notes or PDFs, improving learning efficiency by 50%.
- Released with a monetized premium tier using Stripe, achieving early paid user adoption and validating product-market fit.
- Designed scalable Firebase Firestore architecture with OAuth-based authentication for secure data storage and user access.
- Implemented AI-driven progress tracking and analytics in collaboration with frontend engineers, increasing user engagement.
- Integrated Redux for streamlined state management, optimizing data flow and enhancing app responsiveness through efficient action–reducer patterns.

## EDUCATION

**APP ACADEMY  -**  New York, NY  |  Full Stack Web Development Bootcamp                October 2023 - February 2024
**QUEENS COLLEGE  -**  Flushing, NY  |  BA Biology  |  Honors                August 2018 - July 2022