Kausha Trivedi

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EDUCATION

Northeastern University, Boston, MA — Jan 2023 - Apr 2025
Master of Science in Computer Science — **GPA: 3.8/4.0**

Indus University, Ahmedabad, Gujarat — Sep 2018 - May 2022
Bachelor of Science in Computer Science — **GPA: 4.0/4.0**

WORK EXPERIENCE

Stealth Startup, Boston, MA — Jun 2025 - Present
Founding Software Engineer
(One of two founding engineers building HomeWiz, an AI-powered SaaS platform)

- Led development of fullstack features using React and TypeScript, delivering high-quality user experiences optimized for speed and task completion.
- Built reliable backend systems in Python, designing normalized database schemas (PostgreSQL) to handle complex relationships between users, content, and subscriptions.
- Collaborated closely with product and design to iterate on monetization features, implementing Stripe integration for seamless subscription payments.
- Implemented iterative rollout strategies (using feature flags), allowing the team to test new functionality with a subset of users and gather feedback before full launch.
- Championed engineering best practices, setting up automated CI/CD pipelines to ensure code quality and rapid delivery of new features.

GBCS Group, Boston, MA — Jun 2024 - Dec 2024
Software Engineer Intern

- Delivered impactful internal tools (React + Python) that streamlined operations, using data to identify bottlenecks and inform feature development.
- Optimized application performance, refactoring backend queries to reduce load times by 25% and improve the overall user experience.
- Collaborated across disciplines, working with data scientists to visualize system health metrics and turn insights into actionable dashboard features.
- Contributed to a strong engineering culture, participating in code reviews and sharing knowledge on React patterns and testing strategies.

Elsner Technology, Ahmedabad, Gujarat — May 2021 - Nov 2022
Software Developer

- Developed scalable web applications, owning features end-to-end from database design to frontend implementation.
- Analyzed production data to identify performance issues, optimizing SQL queries to handle high traffic loads (50k+ users).
- Communicated technical trade-offs clearly, working with stakeholders to prioritize features based on user impact and technical feasibility.

PROJECTS

Real-Time Auction Platform | *React, WebSockets, Stripe*

- Built a dynamic community platform supporting real-time bidding, similar to live experiences on Patreon.
- Implemented WebSockets to push instant updates to users, ensuring a synchronized and engaging experience.
- Integrated Stripe Connect to handle payments, demonstrating experience with monetization flows and secure financial transactions.

High-Concurrency Ticket Booking Engine | Java, Redis, Database Design

- Designed a scalable system to handle burst traffic, solving concurrency challenges critical for creator drops and exclusive content access.
- Optimized database interactions using caching (Redis) and efficient schema design to ensure high availability and performance.

TECHNICAL SKILLS

Languages:	Python, TypeScript, JavaScript, Java, SQL
Frontend:	React, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Design
Backend:	FastAPI/Flask, Node.js, REST APIs, MySQL/PostgreSQL
Tools and DevOps:	Docker, AWS, Git, CI/CD (GitHub Actions), Feature Flags