

Shreya Kembhavi

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EDUCATION

Hofstra University | Garden City, NY

Sep 2021- Dec 2025

B.S. Computer Science, Concentration: **Artificial Intelligence**, Minors: Business & Design, Computer Apps. & Digital Media

Honors: **Dean's List** Fall 2024 & Fall 2025, **1st Place Innovation Competition**, **1st Place NYBPC Regionals**, Digital Remedy Venture Finalist

TECHNICAL SKILLS

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

Frameworks & Tools: **React Native**, **Node.js**, Express.js, **Flask**, **MongoDB**, Firebase, **REST APIs**, **Git**, Bitbucket, **Jira**, **SDLC**

AI/ML: **LLM APIs**, **embeddings**, **LangChain**, **agentic workflows**, **prompt engineering**, scikit-learn, TensorFlow, OCR, **retrieval-based AI systems**

Cloud & Deployment: **AWS (S3)**, **Cloudflare Pages**, Vercel, Railway

PROFESSIONAL EXPERIENCE

Handshake | Remote

Dec 2025 - Present

AI Research Fellow - LLM Code Evaluation

- Evaluated **LLM-generated bug-fix responses** by creating **test cases**, reviewing **code correctness**, maintainability, and edge-case handling, and providing structured quality assessments to improve **AI model reliability** in software engineering workflows while adhering to NDA and data confidentiality requirements.

SpringBoard Incubators | Garden City, NY

May 2025- Sep 2025

Software Engineer & STEM Instructor

- Improved release quality for a **MERN-based e-learning platform** by validating frontend features, payment workflows, pricing pages, course organization, and user-facing functionality through **Agile QA** before production releases and **stakeholder demos**.
- Delivered technical instruction to **300+ learners** across **Python**, **AI fundamentals**, Arduino, Raspberry Pi, robotics, 3D printing, and embedded systems, translating complex concepts into project-based lessons.

Fashion Mingle | Manhattan, NY

Jun 2024 - Sep 2024

Frontend Development, QA & Project Management Intern

- Redesigned the platform's user registration and profile onboarding experience by improving authentication workflows, media prioritization, and profile completion, contributing to a **68% increase** in completed user profiles.
- Authored the company's first **21-page Product Requirements Document (PRD)** in collaboration with the **CEO and CTO**, defining functional and non-functional requirements, accessibility improvements, and technical specifications that guided the migration from **Laravel/PHP** to a modern development stack.
- Conducted **end-to-end product testing** and **user research** across authentication, employer dashboards, portfolio management, and hiring workflows, translating usability findings from platform testing, New York Fashion Week, and Texworld USA into product recommendations that improved the user experience.

Starbeam | Huntington, NY

Jun 2023 - Aug 2023

Web Development Intern

- Engineered a **full-stack e-commerce platform** using **Python**, **Flask**, **Firebase**, **Tailwind**, and a **LangChain-powered AI chatbot** with **conversational memory** and company knowledge to support product recommendations, sizing, shipping, and order inquiries; contributed to a **76% increase in sales**.

TECHNICAL PROJECTS

SafeClick | **1st Place & "Most Secure"** Hofstra x Pensar Hackathon | getsafeclick.ai

Spring 2025 - Present

- Architected, developed, and deployed** an **AI-powered browser security platform** with a **cloud-hosted website** and **Chrome extension** that analyzes suspicious URLs using a multi-layered threat detection pipeline combining **OCR**, **ML**, **LLM analysis**, and explainable security assessments.
- Expanded a **1st Place** and **"Most Secure"** hackathon MVP into a publicly **deployed B2C and SMB security product**, supporting real-time URL checks, screenshot analysis, and browser-based hover alerts for approximately **1,000 daily visitors**.

SmartCart | Senior Capstone Project | github.com/shreyakembhavi/SmartCart-Frontend

Fall 2024- Spring 2025

- Developed an AI-powered recipe recommendation engine using **OpenAI embeddings** to generate personalized meal suggestions within a **React Native**, **Node.js**, **Express.js**, and **MongoDB** mobile application, integrating **REST APIs** to connect recommendations with grocery-planning workflows.