

KASHISH KHATRI

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Available : Summer 2026

EDUCATION

Northeastern University, Boston, MA Khouri College of Computer Sciences

Masters of Science in Computer Science

Related courses: Programming Design Paradigm, Algorithms, Databases, Machine Learning

Sept. 2025 – Present

Expected graduation: May 2027

GPA: 3.33/4.0

St. Xavier's College, Ahmedabad, India

Bachelor of Computer Applications (BCA), GPA: 8.98/10.0 (Top 3%)

Related courses: Data Structures, Java, Python, Algorithms, Operating Systems, Databases, Web Development

Apr 2025

TECHNICAL KNOWLEDGE

Languages

Java, Python, C, C++, JavaScript, VB.NET

Databases

MySQL, PostgreSQL, Oracle, Microsoft Access

Web technologies

HTML, CSS, React.js, Django REST Framework, jQuery, ASP.NET

Tools & Frameworks

TensorFlow, Keras, CNN, Git, Linux, Windows, macOS

Certifications

Advanced Learning Algorithms on Coursera, Supervised Machine Learning: Regression and Classification on Coursera, Python and Django Full Stack Web Development on Udemy

WORK EXPERIENCE

Silver Touch Technologies, Ahmedabad, India

Jun 2024 – Apr 2025

Software Developer Intern

- Achieved 40% reduction in content search time by developing [Book-E-Pedia](#) using React.js, Django REST, and PostgreSQL, improving platform usability.
- Boosted user engagement by 25% by integrating four media formats (physical books, audiobooks, e-books, and video books) into a single responsive interface.
- Delivered 50% faster report preparation through a Customer Insights Dashboard built with React.js, Django REST, and PostgreSQL to visualize orders and track customer trends.
- Enabled 100% digital analytics distribution by implementing CSV and PDF export functionality using PapaParse and jsPDF, automating report generation.

PROJECTS

MedBuddy, Healthcare Prescription Management Platform

Jan 2026

- Integrated 6 Azure AI services (Computer Vision, OpenAI, Speech, Maps, Communication Services, Translator) into a full-stack healthcare platform built with Django REST Framework and React.js.
- Reduced manual prescription entry by 80% through Azure Computer Vision OCR and OpenAI-powered drug interaction analysis, improving medication safety for patients and pharmacies.
- Supported 5 distinct user roles (patients, doctors, pharmacies, laboratories, admin) with automated medication reminders, lab report processing, and real-time translation across 10+ languages.

VideoGen.AI, AI-Powered Video Generation Platform

Nov 2025

- Reduced video creation time from hours to under 90 seconds by building a two-stage AI pipeline using Stability AI's SDXL and Stable Video Diffusion models via Replicate API.
- Achieved 95% API reliability by implementing intelligent rate limiting with exponential backoff retry logic, handling 100+ daily generation requests.
- Designed responsive glassmorphism UI supporting 3 motion intensity levels, real-time progress tracking, and generation history for improved user experience.

Skin Disease Prediction Model, Machine Learning Research

Jan 2025

- Conducted research on skin disease prediction using Convolutional Neural Networks (CNN) and Softmax, achieving an accuracy of 87.6% through extensive training and validation on a custom-built dataset.
- Collected and cleaned over 5,000 images via web scraping to create a high-quality dataset, significantly improving model performance.