

AKSHAT PANDEY

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SUMMARY

CS undergraduate at UMass Boston (Honors College) with a strong academic record and hands-on expertise in Python, Generative AI, and cloud technologies. Certified in ML and GenAI through AWS and NVIDIA. Builds practical software tools and brings strong communication and leadership skills to collaborative, real-world problem-solving environments.

EDUCATION

University of Massachusetts Boston — Boston, MA *Sep 2025 – Present*
B.S. Computer Science | Honors College

Dean's List — Fall 2025

Relevant Coursework: Introduction to Computing, Intermediate Computing (Data Structures & Algorithms), Calculus I, Calculus II

Braintree High School — Braintree, MA *Graduated June 2025*
High School Diploma

TECHNICAL SKILLS

Languages & Tools: Python, HTML, CSS, SQL, SQLite, Git/GitHub, VS Code

AI / Cloud: Generative AI, Prompt Engineering, LLM Integration, Machine Learning Fundamentals, AWS

EXPERIENCE

Technology Intern | Braintree High School IT Department | Braintree, MA *Jan 2024 – May 2025*

- Configured and deployed Chromebooks and devices, streamlining setup workflows for student cohorts
- Diagnosed hardware and software issues for 100+ students and staff, ensuring smooth daily operations
- Documented recurring issues and solutions, contributing to an internal technical reference guide

PROJECTS

Road Hazard — VibeCode Olympics Hackathon | HTML · CSS · JS · Netlify

- Built and deployed a live crash and road hazard reporting web app in 2 hours at VibeCode Olympics, Microsoft NERD Center — April 2026
- Led as team architect: defined the blueprint, coordinated a 4-person team, and configured the AI UX Tester for LLM-judged evaluation

Python Budget Tracker | Python · SQLite · Git

- CLI app with a persistent SQLite database tracking income/expenses by category; applied SQL schema design and Git version control

Python Network Diagnostic Tool | Python · Networking

- Automated connectivity and response-time testing using Python standard libraries with structured output

Personal Portfolio Website | HTML · CSS · GitHub Pages

- Responsive portfolio site showcasing projects and certifications, deployed live on GitHub Pages

CERTIFICATIONS

- The Complete Python Bootcamp: Zero to Hero — Udemy
- AI for All: From Basics to GenAI Practice — NVIDIA
- Future You: Leveraging AI for Success — Northeastern University
- Introduction to Machine Learning — Amazon Web Services (AWS)
- Introduction to Generative AI — Amazon Web Services (AWS)