

OBJECTIVE

I am pursuing an MS in Computer Science at Northeastern University, Boston, focusing on Data Structures, Algorithms, AI & advanced computer science concepts to evolve as a Software Engineer and devise innovative systems. My long-term goal is to become a leader in the tech industry, driving innovation and transformative change.

EDUCATION	
Northeastern University, Boston, MA, GPA: 4.0/4.0 Master of Science in Computer Science	Expected Aug 2026
Dwarkadas J. Sanghvi College of Engineering, Mumbai, India, GPA: 8.84/10 Bachelor of Engineering in Computer Engineering	Jun 2017 - Jul 2021

SKILLS	
Programming: C, C++, C#, Python, R, Java, JavaScript Cloud DevOps: AWS, Azure, Jenkins, Azure DevOps, Docker, Kubernetes Developer Tools: IntelliJ, VS Code, Microsoft Office	Database Systems: MySQL, PostgreSQL, Microsoft SQL Server Web Technologies: HTML, CSS, JavaScript, Spring Boot, ReactJs Others: Git, Junit, Frontend, Open source, Data science, Statistics

PROFESSIONAL EXPERIENCE	
EY – Consultant Mumbai, Maharashtra, India	Jul 2023 – May 2024
Lead Automation Specialist - EY Global Law Innovation & Technology Practice, Netherlands	
<ul style="list-style-type: none">Automation Leadership & Workflow Implementation:<ul style="list-style-type: none">Led the automation of a suite of applications on an AI-driven platform (EY Virtual), streamlining legal processes and improving operational efficiency. Automated workflows across all applications based on dynamic business rules, enhancing consistency, compliance, and increasing efficiency by 20%.Transaction Law & Spend Analytics Applications:<ul style="list-style-type: none">Implemented transaction processes for M&A activities, equipping senior management with a unified view of buy-side and sell-side actions. Developed dashboards to accelerate decision-making, reduce delays, and improve visibility in approval stages. Directed the creation of a spend analytics tool, which leveraged benchmark datasets to identify excessive costs, reducing legal expenses by 15%.Employment Law & Legal Research Tools:<ul style="list-style-type: none">Developed a real-time tracking tool for employment law updates, including questionnaires and dashboards that kept legal teams informed and enabled timely regulatory reporting. Independently built a repository of Dutch laws for enhanced research and legal reporting, supporting the firm’s data-driven decision-making.Client Engagement & Efficiency Gains:<ul style="list-style-type: none">Served as the primary contact for client communications, leading discussions to customize applications according to client requirements. Achieved a 25% reduction in legal process turnaround times, empowering clients with faster, more effective transaction management.	

Lead Workflow Architect - Vendor Onboarding Application, India	Jul 2021 - June 2023
<ul style="list-style-type: none">Led the design and implementation of a full end-to-end workflow of Vendor Onboarding App on EY Virtual, a key platform used by one of India’s largest automobile loan providers. The solution currently serves over 2,400 active vendors and has successfully onboarded 200+ vendors.Collaborated with over 100 third-party vendors, optimizing the onboarding process and reducing time to operation by 20%, which significantly enhanced the company’s vendor engagement and operational efficiency.Integrated cutting-edge cloud technologies, such as Azure SAS tokens, to enhance security and streamline external access for vendors, improving overall cloud resource utilization.Ensured seamless user experiences by developing a responsive and intuitive interface, which boosted user satisfaction and engagement.Worked closely with stakeholders to prepare the platform for expansion, as it will soon be rolled out to all vendor types.	

PROJECTS	
SnakeIQ Pygame, PyTorch’s Deep Q-Learning	June 2023
<ul style="list-style-type: none">Constructed a Snake-game AI using Pygame and PyTorch’s Deep Q-Learning, implementing the Bellman equation for loss optimization and reinforcement learning.Achieved consistent performance with an average score of 32, highlighting the AI’s effectiveness in adapting to dynamic environments.Enhanced algorithm efficiency by 5%, improving decision-making and optimizing gameplay through advanced reinforcement learning techniques.	
Shop Fusion NextJS, Firebase, Stripe, APIs	May 2021
<ul style="list-style-type: none">Developed a full-stack SaaS platform providing access to AI tools for image, video, code, and music generation using OpenAI and ReplicateAI models via APIs.Integrated Stripe subscription system for seamless billing, enhancing payment processing and user experience.Implemented user authentication and management using Clerk, ensuring secure access and efficient user management for the platform.	
RezAI NextJS, Prisma, MySQL, Clerk, Stripe, APIs	May 2021
<ul style="list-style-type: none">Engineered a full-stack e-commerce platform with Next.js and React, leveraging server-side rendering, static site generation, and API routing to enhance performance and scalability.Embedded user authentication and authorization with Firebase Authentication, ensuring secure and seamless user access.Designed database schema with Firebase Database and integrated Stripe for secure and reliable payment processing.	