

# Aditya Bisht

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(781) 571-6275 | Boston, MA | Date of Availability: July – December 2025

## EDUCATION

<b>Northeastern University, Khoury College of Computer Science</b> <i>B.S. in Computer Science, GPA: 3.63/4.0 (Dean's List)</i>	Boston, USA <i>Sept. 2023 – Expected May 2027</i>
<b>National Public School, Indiranagar</b> <i>High School Diploma (Focus: Computer Science, Mathematics, Physics, Chemistry)</i>	Bangalore, India <i>Jan. 2011 – Mar. 2023</i>

## TECHNICAL SKILLS

**Languages & Libraries:** JavaScript (React, Node.js), Java (OOP), Python, C/C++  
**Databases & Tools:** SQL (MySQL, PostgreSQL), Git/GitHub, REST APIs, Streamlit, Flutter  
**Operating Systems:** Windows, Linux

## WORK EXPERIENCE

<b>Zolve</b> <i>Data Engineer Intern</i>	Bangalore, India <i>June 2024 – September 2024</i>
<ul style="list-style-type: none"><li>Developed a KYC Photo Verification System with 92% accuracy by testing deep learning models (MTCNN, YOLO, ArcFace) on a dataset of 15,000 pictures, processing an average of 1,200 images daily.</li><li>Implemented one-to-one and one-to-n matching for selfies and passport photos, reducing false positives by 35% and cutting verification time by 40%.</li><li>Optimized model combinations to enhance the efficiency and reliability of the KYC pipeline, increasing throughput by 30% and reducing latency by 25%.</li><li>Collaborated with Finance and Product teams to improve system security, achieving a 20% reduction in potential vulnerabilities and streamlining cross-functional operations by 15%.</li></ul>	
<b>PhableCare</b> <i>Data Science Intern</i>	Bangalore, India <i>April 2021 – August 2021</i>
<ul style="list-style-type: none"><li>Utilized an Artificial Neural Network (ANN) to correlate lung CT scan datasets of pneumonia and COVID-19 patients, analyzing over 12,000 CT scan images to identify subtle radiographic patterns.</li><li>Conducted extensive data analysis on platelet function assay (PFA) datasets for heart patients, processing over 4,000 microscopic images to extract key clinical insights and refine diagnostic protocols.</li></ul>	

## PROJECTS

<b>Memora – Mobile App for Memory Support</b>   <i>React, Material UI, Supabase</i>	February 2025
<ul style="list-style-type: none"><li>Developed a mobile application to assist individuals with early-to-moderate dementia by transforming personal family photos into interactive memory cues.</li><li>Engineered contextual-cue based quizzes and an intuitive photo tagging system, enhancing memory recall and user engagement through a scrollable, user-friendly interface.</li><li>Leveraged Supabase for secure data storage, ensuring privacy and data integrity for sensitive user information.</li><li><b>Achievement:</b> Awarded the Social Impact Award at HackBeanpot 2025 for delivering an innovative solution addressing real-world challenges in memory care.</li></ul>	
<b>Smart Docs</b>   <i>React, Node.js, OpenAI API</i>	January 2025
<ul style="list-style-type: none"><li>Developed a full-stack web application providing affordable legal assistance through generative AI.</li><li>Integrated basic OCR technology to extract text from scanned documents, streamlining the data ingestion process for subsequent legal analysis.</li><li><b>Achievement:</b> Ranked as a Top 8 Finalist out of 50 teams at Fin Hacks (solo project).</li></ul>	
<b>Nifty 50 Equal Weighted Stock Management</b>   <i>Python, Streamlit</i>	April 2024
<ul style="list-style-type: none"><li>Developed a web application with Streamlit to generate equal-weighted Nifty 50 portfolios using live data from yfinance with 98% data accuracy.</li><li>Integrated interactive visual analytics using Plotly and Matplotlib, reducing portfolio analysis time by 30% and enhancing user decision-making.</li></ul>	