

# KESHAV GOEL

+1(201) 895-8340 ◇ Boston, MA

kgoel9657@gmail.com ◇ <https://www.linkedin.com/in/goel-keshav/> ◇ <https://github.com/keshavgoel787/>

## EDUCATION

**Bachelor of Data Science and Mathematics**, Northeastern University Expected 2027  
Relevant Coursework: Machine Learning & Data Mining, Algorithms, Database Design, Advanced Data Programming  
GPA: 3.88/4.00

## EXPERIENCE

**Johnson & Johnson** Jun 2025 - Present  
Software & Data Engineering Co-Op *Raritan, NJ*

- Developed Slack apps to streamline workflow efficiency by 30% using Node.js, WebSocket APIs, and Jenkins
- Improved communication efficiency by 10% by analyzing system logs and resolving bottlenecks with clinicians
- Participated in an Agile Scrum team ensuring continuous integration through Bitbucket, Jira, and Confluence

**Northeastern University** Oct 2024 - Present  
Data Science Researcher *Boston, MA*

- Analyzed 20,000+ EPA pesticide incidents using Python, Pandas, and Plotly to uncover a 90% reporting gap
- Created a Java topic modeling pipeline that filtered 17,000 irrelevant entries, improving analysis quality by 70%
- Implemented a MySQL/Python multivariate regression model to forecast reports across 10 integrated datasets

**VDart** May 2024 - Aug 2024  
AI Product Development Intern *Atlanta, GA*

- Built AI recruiter tool using WhisperX, FastAPI, Figma, and Firebase, cutting manual recruiting tasks by 40%
- Trained Ollama LLM with HuggingFace, automating resume and interview parsing, reducing processing by 70%
- Architected a Data Lake with MongoDB, AWS Kubernetes, and DO Spaces, boosting storage efficiency by 45%

## PROJECTS

**Textmate** Built a scalable NLP pipeline that utilized normalization, stop-world removal, and lemmatization on global 2024 World Series articles with 99% translation accuracy using OpenAI, NLTK, and TextBlob

**NUPathfinder** Created a Flask/Streamlit app that matched Northeastern students to jobs with 90% user satisfaction using REST APIs, SQL, and Docker. Streamlined skill matching through 50 API commands and reduced deployment time by 80% via containerization

**BreatheEasy** Developed a responsive Flutter map app that reduced pollutant exposure by 85% by providing eco-friendly directions using Google Maps API and RESTful services. Containerized with Docker and Shelf server to cut client load by 75%. Won 1st at the CSBase Climate Change Hackathon

## SKILLS

|                    |   |
|--------------------|---|
| <b>Languages</b>   | Python, JavaScript, SQL, Tableau, Excel           |
| <b>Frameworks</b>  | Node.JS, HuggingFace, Pandas, Scikitlearn         |
| <b>Soft Skills</b> | Agile SCRUM, Problem Solving, Conflict Resolution |

## ADDITIONAL INFO

- **Awards:** 1st at CSBase Climate Hackathon, 1st at Northeastern Start Summit Hackathon, Dean's List
- **Interests:** Bhangra, Hiking, Traveling, Weightlifting, Learning