Mahitha Bushap

New York City, NY

📞 917-755-4988 ✉️ mahitha.bushap@nyu.edu 💼 linkedin.com/in/mahitha-bushap github.com/mahithabushap

Education

New York University	**2025**
Master of Science in Computing, Entrepreneurship and Innovation	*New York, NY*
Hunter College	**2023**
Bachelor's Degree in Computer Science	*New York, NY*

Relevant Coursework

- Data Structures
- Software Methodology
- DevOps and Networks
- Database Management
- Artificial Intelligence
- Machine Learning
- Leadership and Strategy
- Design and Innovation

Experience

CUNY — **January 2024 – present**
IT Web Developer — *New York , NY*
- Developed a service to perform a set of unit tests daily on a product in development to identify and fix bugs/issues.
- Performed optimization of CUNY web apps using HTML, JavaScript, and Python;reduced load times 20 percent.
- Developed and maintained data pipelines using Python and Excel, improving backend efficiency by 30 percent.
- Collaborated with cross-functional teams to maintain accessibility and security compliance.

Direct Agents — **April 2025 – June 2025**
Artificial Intelligence Intern — *New York , NY*
- Built and tested front-end features for a cross-platform AI-powered application using Flutter and Dart
- Worked with company clients and PowerBI to come up with AI solutions to automate and analyze data
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

Runwei - Fintech — **June 2023 – December 2023**
Software Engineer Intern — *New York , NY*
- Developed Python web scraper, JavaScript-heavy websites using Selenium, achieved a 82 percent capture rate.
- Designed and optimized a scalable DynamoDB schema handling entries. reducing time from $O(n2)$ to $O(n \log n)$.
- Built an ETL pipeline using SQL, Python, and Apache Airflow to migrate legacy data to Redshift.

Success Academy — **January 2024- December 2025**
Operations Associate — *New York, NY*
- Managed data integrity across platforms, using Google Sheets and lightweight scripting to automate reporting.
- Supported cross-functional initiatives by leveraging internal tools and dashboards to optimize students and scheduling.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

Data Jango Technologies — **2020**
Data Science Trainee — *Remote, NY*
- Applied supervised learning models to real-world datasets using scikit-learn and TensorFlow.
- Managed full ML lifecycle: data cleaning, feature engineering, model evaluation, and documentation.
- Led a team on predictive modeling projects (Google App Rating, Wind Speed Prediction), Git /JIRA for collaboration.

Projects

Cyber Breach Search engine — **2024**
- Built a Cyber search engine for breached data using Python and Elasticsearch to support real-time keywords.
- Implemented backend logic with Flask and front-end interface using React.js.
- Allowing users to input specific keywords, such as email addresses, names, or breach types, to query a dataset.

Face Recognition — **2020**
- Built a face recognition system using CNN and SVM models in Python with OpenCV for feature extraction and image classification. Applied data preprocessing and model evaluation using scikit-learn and TensorFlow.

Pro-task app — **October 2023**
- Created a productivity tool using React.js, Node.js, and Express with Firebase for user authentication
- Integrated RESTful APIs for real-time collaboration and task updates.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Adobe , Figma, scikit-learn, TensorFlow, OpenCV, office 365 , PowerBI
Technologies/Certifications: Linux, Jenkins, GitHub, WordPress, Agile, Azure, AWS, Google PMP