

GEETHIKA RAO GOURAVELLI

+1(929) 724-6236 ◇ Brooklyn, NY

gg2879@nyu.edu ◇ [linkedin.com/in/geethika-rao-gouravelli](https://www.linkedin.com/in/geethika-rao-gouravelli)

EDUCATION

Master of Computer Engineering, New York University Expected 2026
Relevant Coursework: Machine Learning, ML& AI For Network Analysis, MLOps, Deep Learning, Big Data; GPA: 3.89

Bachelor of Computer Science, VNR VJIET 2018 - 2022
Member of the Computer Society Of India, the largest body of computer professionals in India. GPA: 3.78

SKILLS

Programming Languages	Java, Python, C, C++, SQL
Web & Frontend	HTML, CSS, JavaScript, Bootstrap
Databases	MySQL, Snowflake
Cloud Platforms	Microsoft Azure, AWS
Big Data Tools	Hadoop, Hive, Pig, PySpark
AI & ML	Machine Learning, Deep Learning, Neural Networks, NumPy
Data Visualization	Power BI, Tableau
Version Control & DevOps	Git, CI/CD pipelines, MLOps

EXPERIENCE

Course Assistant, ML & DS for Bioinformatics Sept 2025 - Present
New York University *New York, USA*

- Collaborated with professor on curriculum updates and maintained course materials.
- Led weekly office hours to assist students with ML and data science concepts, increasing course engagement and understanding.
- Evaluated assignments, quizzes, and exams for students, ensuring fair, timely, and detailed feedback.

Systems Engineering Aug 2022 - Aug 2024
TATA Consultancy Services (Apple, State Bank of India) *Hyd, IND*

- Engineered and deployed scalable cloud/web applications tailored to client requirements, integrating secure data warehouse solutions.
- Served as ETL Developer for Apple, leveraging SQL and large-scale data management to optimize data workflows and enhance system performance.
- Spearheaded development of the "Courier" module for SBI; resolved over 100 production issues within 24 hours, ensuring SLA compliance and system stability.
- Achieved 100% on-time resolution of post-implementation issues, directly contributing to improved client satisfaction scores.
- Worked in Agile teams to deliver iterative improvements; received performance rating of 4.23/5 for collaboration and delivery excellence.

Web Development and Analytical Intern Jun 2021 - Oct 2021
VisCommerce *California, USA*

- Designed responsive webpages using web technologies.
- Debugged cross-device compatibility and improved performance.
- Increased delivery speed by 25% through 20+ collaborative meetings.

PROJECTS

Research Paper Summarization: Built an abstractive summarization system using BART, Flask API, and CI/CD pipelines for deployment and monitoring.

Fake Currency Detection System using Image Processing: Designed an OpenCV-based solution achieving 95.36% accuracy in detecting counterfeit currency.

Heart Attack Prediction using PySpark and AWS: Developed a distributed ML pipeline on AWS with PySpark, achieving 80% accuracy for real-time predictions.