ROEHIT RANGANATHAN
Brooklyn, New York

Email: roehitr@gmail.com / rr4461@nyu.edu   **Phone:** +1(347) 407 6327   **GitHub: Roehit2001**

EDUCATION

Master of Science in Computer Science,   **May 2025**
New York University, Tandon School of Engineering, New York City

Bachelor of Technology in Computer Science Engineering (specializing in software engineering)   **May 2023**
SRM Institute of Science and Technology, Chennai.

TECHNICAL SKILLS

Coding Languages: C, C++, Python, JavaScript, TypeScript, HTML, CSS, Java, SQL
Operating Systems: Windows, MacOS, Linux
Other Tools: Apache Kafka, Debezium, ZooKeeper, AWS, GCP, React, NextJS, Confluence, NodeJs, Git, TailwindCSS, BootstrapCSS, MongoDB, PostgreSQL

EXPERIENCE

Binks, Bangalore, Software Engineering Intern   **Jun 2022-Jul 2023**
- Designed and engineered new components to the Binks web application and upgraded the admin application using Django and ReactJs, making it 200% faster.
- Implemented Devops on AWS, and utilized tools such as RDS, EC2, Route54 and google analytics, along with Apache Kafka for data analytics.

Airdonex, Software Project Manager   **Sep 2021 – Feb 2023**
- Invented a proprietary tracking algorithm for drones for traffic management in Urban Environments.
- Oversaw a Team of 10 members to achieve the goal and coordinated between different departments.
- Performed development in python and C++ and provided a prototype in 25 days.

Light and Craft technologies, Bangalore, Full Stack and Data Analytics Research Intern   **Aug 2021-Nov 2021**
- Programmed New components for web interface on NextJs, along with APIs on Django.
- Coded 3 custom DB connectors for confluence and Apache Kafka.
- Employed and researched tools such as RDS, AWS MSK, Debezium to track DB access among hundreds of users with easy scalability.

Multigenesys Software, Pune, Web Development Intern   **May 2021-Aug 2021**
- Curated and constructed 2 websites for clients using Angular, React, HTML and CSS
- Serviced Git and all version control services.
- Carried out Documentation and design updates on three projects.

Infinite Engineers, Chennai, Full Stack Development Intern   **Feb 2021-May 2021**
- Revitalized the company website along with Admin panel using NodeJS and MongoDB, increasing user visits multifold.
- Maintained version control and and Devops and automated most systems reducing manpower to virtually zero.
- Executed Maintenance, documentation, and design updates.

PROJECTS

A tool to mask and anonymize data on PostgreSQL   **Jan 2023 – May 2023**
- Developed a user-friendly feature enabling anonymization of critical database information through the implementation of an advanced passive-aggressive classifier.
- Empowered users with the ability to choose from multiple anonymization options for safeguarding sensitive data, by leveraging insights from historical data.
- Created a seamless user experience by integrating a passive-aggressive classifier, ensuring efficient and effective anonymization of critical information.

Test Driven Development [Samsung Prism, Remote]   **Jan 2022 – Dec 2023**
- Co-authored a project to enforce Test driven development into software development lifecycle as a Research Intern
- Forged a Plugin for 2 IDEs, to integrate testing into every unit of code.