

EDUCATION

CUNY - York College, Bachelors of Science in Computer Science	GPA: 3.6	Feb 2022 – Dec 2024
CUNY - Laguardia Community College, Associate in Computer Technology	GPA: 3.4	Aug 2020 – Dec 2022

TECHNICAL SKILLS

Programming/Scripting:	Python, JavaScript, Java, Go, C++, HTML, CSS, SQL
Frameworks & Libraries:	React.js, Node.js, Flask, Django, Firebase, LangChain
Cloud & Databases:	PostgreSQL, MySQL, MongoDB, Firebase
Others:	Git, Docker, Kubernetes, GitLab CI/CD, App Engine

WORK EXPERIENCE

<b>Software Engineer – BNY Mellon, New York, NY</b> <i>Tech Stack: Java, Springboot, RestAPI, Gitlab CI/CD, AppEngine, SQL</i> <ul style="list-style-type: none"><li>Streamlined application delivery by automating deployment pipelines with GitLab CI/CD.</li><li>Improved data accessibility by integrating client data into BNY Mellon’s data lake.</li><li>Built secure RESTful APIs with Spring Boot to enable seamless data integration.</li><li>Boosted system stability by troubleshooting and optimizing Java applications, reducing downtime.</li></ul>	May 2022 – Feb 2023
<b>Software Engineer Intern – AuriStor Inc., New York, NY</b> <i>Tech Stack: ReactJS, TypeScript, Tailwind CSS, Kubernetes, Docker, Go</i> <ul style="list-style-type: none"><li>Enhanced user experience by developing a ReactJS and TypeScript dashboard for file-sharing, enabling efficient data access.</li><li>Improved system integration by collaborating with backend teams to integrate APIs, resulting in seamless functionality.</li><li>Boosted application reliability by using DSA for debugging, reducing errors and enhancing stability</li></ul>	Feb 2024 – April 2024
<b>Software Engineer Intern – Tech Incubator At Queens College, Queens, NY</b> <i>Tech Stack: JavaScript, ReactJS, HTML, CSS, Material UI, Figma</i> <ul style="list-style-type: none"><li>Delivered functional software solutions by collaborating with cross-functional teams, ensuring alignment with project goals.</li><li>Enhanced code quality by developing clean, maintainable, and efficient code, which improved overall project scalability.</li><li>Improved project continuity by documenting development processes, supporting team knowledge sharing and onboarding.</li></ul>	Jun 2024 - Sept 2024
<b>Software Engineer Intern – York College, Jamaica, NY</b> <i>Tech Stack: Python, ReactJS, Flask, SLM, LangChain, Postgres, Ollama</i> <ul style="list-style-type: none"><li>Enhanced LLM functionalities by developing a scalable backend with Python and LangChain, improving system performance.</li><li>Improved user interaction by creating a responsive frontend using ReactJS, increasing usability of the SLM.</li><li>Supported software reliability by assisting in the deployment and maintenance of applications in production, ensuring continuous operation.</li><li>Ensured high code quality by participating in code reviews, leading to better software consistency and fewer defects.</li></ul>	Jun 2024 - Present

ACADEMIC PROJECTS

<b>York Chat   React.Js, Firebase, ChatEngine.io</b> <i>York chat messaging system that requires Google Authentication.</i> <ul style="list-style-type: none"><li>Enabled real-time communication by developing a chat system with integrated Google authentication, improving user accessibility.</li><li>Secured user data by implementing message encryption and robust authentication, enhancing system privacy and trust.</li></ul>	<a href="#">See Project</a>
<b>Library Information System  React.Js, HTML, CSS, Netlify</b> <i>Informative system to help student navigate.</i> <ul style="list-style-type: none"><li>Improved library access by creating a responsive single-page application, providing comprehensive information to users.</li><li>Boosted user experience by optimizing accessibility and ensuring cross-device compatibility, leading to broader user engagement.</li></ul>	<a href="#">See Project</a>
<b>ManjuShree Tailor   React.Js, HTML, CSS, Bootstrap, Netlify</b> <i>Small Business web application for advertisement.</i> <ul style="list-style-type: none"><li>Promoted small business by developing a user-friendly single-page application, enhancing online presence.</li><li>Increased business visibility by integrating location services, improving customer engagement and accessibility.</li></ul>	<a href="#">See Project</a>
<b>Frequency Analysis   Python, Cryptography</b> <i>Small Business web application for advertisement.</i> <ul style="list-style-type: none"><li>Developed a frequency analysis tool for decrypting text by analyzing character distributions, improving text decryption accuracy.</li><li>Compared encrypted text with language frequencies to suggest decryption keys, enhancing cryptographic analysis.</li></ul>	<a href="#">See Project</a>