Sajid Amin

(347) 971-5718 | New York City | Saminny06@gmail.com | github.com/Sajidcodez | linkedin.com/in/sajid-amin | Sajid's Portfolio

EDUCATION

St. John's University, College of Professional Studies   *Expected May 2027*
Bachelor of Science in Computer Science   *GPA 4.0*
Coursework: Data Structures and Algorithms, Fundamentals of CyberSecurity, Object-Oriented Programming, Software Design, Data Security and Cryptography, Database Management, Theory of Programming, Computer Architecture, Intro to Networks, Discrete Math, Calculus 1 & 2, Stats 1
Awards: Dean's List 23-24, 24-25, Phi Eta Sigma National Honor Society, University Honors, **CodePath Web101 & Web102**

EXPERIENCE

Software Engineer Intern | *Chip Server LLC*   *June 2025-Present*
- Engineered and deployed a real-time whiteboard module supporting dynamic annotations on blank canvases, PDFs, and Word documents, improving live instruction capabilities and reducing instructor prep time by **30%**.
- Designed a scalable, database-integrated assessment system enabling interactive quizzes and test reviews with real-time audience participation, increasing student engagement by **45%** and supporting analytics-driven performance tracking.

Software Engineer Intern | *Mancer Robotics*   *November 2024-July 2025*
- Created APIs to streamline data visualization, improving processing speed by **30%** using Open3D and Pyvista
- Designed a 3D Digital Twin system with LiDAR, enabling **95% accurate** real-time modeling for field environments
- Implemented advanced simulation features that boosted construction planning efficiency by **40%**
- Built a scalable app interface used by administrators for managing and tracking operations

Software Engineer Intern | *Institute for Machine Learning*   *September 2024-December 2024*
- Built a responsive React-based website supporting **100+ users**, streamlining client onboarding and enabling seamless login
- Enhanced UI/UX of login page, reducing loading times and bounce rate by **25%** and improving time-on-page by **15%**
- Designed backend with Maven and SQL, securely handling **1000+ authentication events** during testing

PROJECTS

SmartBot   *github.com/Sajidcodez/SmartBot*
- Developed a Disney-themed chatbot application using React and Google Gemini API, enabling real-time responses to user queries
- Engineered REST API calls to fetch and deliver information about park hours, ticketing, and dining options at Walt Disney World
- Built a responsive user interface, enhancing user experience through dynamic chat components and seamless API communication

NoteBeats | *STJHacks*   *github.com/Sajidcodez/NoteBeats*
- Built a full-stack NextJs app that converts study notes into musical audio, featuring a responsive UI with TailwindCSS and TypeScript
- Integrated AI services like OpenRouter, ElevenLabs, Hugging Face to enable lyric generation, voice synthesis, and text summarization, using real-time streaming for seamless audio delivery.
- Created backend APIs for content processing and audio generation, utilizing AWS S3 for asset storage and external APIs for audio merging

Co2-Leaderboard | *NYUHacks*   *github.com/Sajidcodez/Co2-Leaderboard*
- Created a tracking application using React, TypeScript, Flask, and PyTorch, with machine learning predictions for future emissions trends
- Implemented dashboard with US map and real-time analytics, leveraging Recharts and React Simple Maps for data visualization
- Built a neural network model in PyTorch to predict CO2 emissions on historical data, improving forecasting accuracy and insights

Flappy Bird 2.0   *github.com/Sajidcodez/FlappyBird-2.0*
- Built leveraging Js, with efficient game mechanics like gravity, collision detection, and real-time score tracker with **200+** users since launch

LEADERSHIP/PROFESSIONAL DEVELOPMENT

CodePath Tech Fellow | *CodePath*   *June 2025-Present*
- Mentoring and assisting the next generation of **software engineers, AI native engineers** and tech enthusiasts.

St. John's ACM Student Chapter | *ACM*   *August 2024-Present*
- Expand technical skills and career readiness by engaging in **30+** workshops and labs, covering **Python, APIs, AWS, & Web Development**
- Collaborated with **16+** peers and leveraged ACM resourced in **software engineering** and **open-source projects**
- Applied problem-solving techniques and coding proficiency, contributing to a **45% increase in team collaboration efficiency**

Customer Service | *St. John's University*   *September 2023-Present*
- Delivered **exceptional customer service** by resolving issues and inquiries with clear **effective communication** and timely solution
- Conducted **data analysis** leveraging excel identify trends, **improve workflows**, and **reduce response times** through data-driven insights

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, JavaScript(ReactJs, NextJs, NodeJs, ExpressJs), TypeScript, HTML, CSS, C++, SQL, Spring Boot, Flask, Django, Matplotlib, Pyvista, Bootstrap, Tailwind CSS.
Skills/Software/Tools: AWS, Git, Github, Windows, Canva, Figma, Mac, Bash, Web Scrape, 3D model/rendering, RestAPI, Augmented Reality, Soft skills, Firebase, Microsoft Office Suite(powerpoint, word, excel)