

Carlo Ace Sagad

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EDUCATION

CUNY - Queens College

BA in Computer Science

Queens, NY

May 2025

Certifications & Professional Development | [Link](#)

EXPERIENCE

Software Engineer - Full Stack Developer

Jul 2025 - Present

The Build Fellowship by Open Avenues

Remote

- Developed a personal finance tracker from scratch using React, Next.js, Node.js, and PostgreSQL, allowing users to set budgets, log expenses, and view reports in real time
- Designed and integrated RESTful APIs and a relational database schema to securely manage financial data, improving backend reliability and data integrity
- Collaborated in an agile team to implement full-stack features and deliver a working demo simulating real-world development

Tech Fellow (TIP 102 - Technical Interview Prep)

May 2025 – Present

CodePath

Remote

- Mentored 50+ students in Python-based technical interview prep, guiding them through LeetCode-style problems (arrays, stacks, hash tables, etc) and debugging code to improve problem-solving efficiency
- Collaborated with students in 1:1 mentorship and mock interviews, improving their ability to explain code and troubleshoot

Software Engineer - Backend

Mar 2025 - Jun 2025

CUNY Tech Prep Open Source Lab

New York, NY

- Designed and implemented backend APIs using Node.js, Express, and Zoom Webhooks to track Zoom events (join, leave, rejoin), reducing manual TA workload
- Collaborated on a real-time dashboard using React and PostgreSQL, developing advanced filtering and search features that enabled instructors to quickly monitor, export, and review attendance records by specific meeting, thereby improving usability and streamlining the review process.

Software Engineer - Full-Stack Development Fellow

Jul 2024 – Dec 2024

CUNY Tech Prep

New York, NY

- Built and deployed real-world software projects, applying Git workflows, CI/CD, and agile development to gain practical experience in the full software development lifecycle
- Collaborated in a team of 4 to design and implement robust APIs and scalable microservices, strengthening teamwork and communication skills
- Developed full-stack applications using a modern stack (PostgreSQL, Express.js, React, and Node.js), demonstrating proficiency in both front-end and back-end technologies

PROJECTS

EventSphere | [Link](#) | *React, JavaScript, Tailwind CSS, SQL, Express.js, Node.js, PredictHQ, Google APIs* Sept 2024 – Dec 2024

- Led a team of 4 to develop a platform using React, JavaScript, Tailwind CSS, PostgreSQL, Express.js, and Node.js to help users discover, share, and host local events, improving event visibility and user engagement
- Integrated PredictHQ and Google APIs to provide personalized event recommendations and location-based search, enhancing event organizers' ability to reach their target audience

Hackathon Winner | [Link](#) | *React, Node.js, MySQL, HTML/CSS, Bootstrap*

Aug 2024

- Developed a full-stack web application using React, Node.js, MySQL, HTML/CSS, and Bootstrap to collect and analyze CUNY-wide student data on food and housing insecurity
- Built full-stack features enabling real-time data flow, earning recognition for software engineering excellence

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, C++, HTML, CSS, SQL

Tools & Frameworks: React, Next.js, Node.js, Express.js, Bootstrap, Tailwind CSS, RESTful APIs

Databases: MySQL, PostgreSQL, MS SQL

Developer Tools: VS Code, IntelliJ, Eclipse, GitHub, SQL Server Management Studio, Azure Data Studio, Tomcat, jQuery, EJS