Carlo Ace Sagad

carloace166@gmail.com • Portfolio • LinkedIn • GitHub • New York, NY

EDUCATION

CUNY - Queens College **Queens, NY**
Bachelor of Arts in Computer Science Graduated Dec 2024
CUNY – LaGuardia Community College **Long Island Queens, NY**
Associate in Science in Computer Science Graduated May 2021

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML, CSS, SQL (MySQL, PostgreSQL, MS SQL)
Tools and Frameworks: VS Code, IntelliJ, Eclipse, GitHub, SQL Server Management Studio, Azure Data Studio, Tomcat, Bootstrap, Tailwind CSS, jQuery, React, Express, Node.js, EJS

PROJECTS

EventSphere – Event Management Platform Sept 2024 - Dec 2024
- Led a team of four 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

CUNY Student Needs Survey – CTP Hacks 2024 Winner (SWE Best Practices Award) Aug 2024
- Collaborated with a team of four to develop a survey platform using React, HTML, CSS, Bootstrap, and MySQL to collect and analyze data on student needs such as food insecurity and housing instability across CUNY campuses
- Contributed to winning the SWE Best Practices Award by implementing industry-standard coding practices, project management, and ensuring adherence to high standards in code quality, testing, and deployment

Personal Portfolio Website Project Oct 2024
- Developed a responsive, high-performance portfolio website using Vite, React, JavaScript, Express.js, Node.js and Tailwind CSS to showcase projects, skills, and professional background, with features like an interactive hero section and animated project showcase
- Optimized for accessibility and cross-device compatibility, implementing Framer Motion for smooth animations and following best practices in clean architecture, reusable components, and efficient state management

RELEVANT EXPERIENCE

CUNY Tech Prep **New York, NY**
Software Engineering Fellow Jul 2024 - Present
- Selected for the competitive CUNY Tech Prep program, focusing on software engineering practices and full-stack development using technologies such as PostgreSQL, Express.js, React, and Node.js. Gained hands-on experience applying best practices in Git workflows, CI/CD, testing, and agile development
- Collaborated on software engineering hands-on projects, refining skills in software design patterns, APIs, and microservices, with practical exposure to the complete software development lifecycle (SDLC)

Open Source Lab **New York, NY**
Software Engineer - Backend Feb 2025 - Present
- Created a backend API to track Zoom events (join, leave, rejoin) using webhooks, reducing manual intervention
- Built a web-based dashboard for real-time attendance monitoring and report export, improving efficiency of tracking
- Implemented features for filtering and viewing detailed attendance logs by meeting, enhancing user experience

PROFESSIONAL EXPERIENCE

Sparc.world **Remote**
Product/Website Tester Intern Feb 2024 – May 2024
- Collaborated with a team of 4 developers via Slack and Trello to conduct comprehensive testing of website features, ensuring alignment with business and user requirements
- Contributed to continuous product quality improvement by preparing detailed reports for each feature tested and prioritizing bug resolution based on criticality. Identified, analyzed, and resolved website functionality issue

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Java Data Structures & Algorithms Udemy Course Certificate of Completion
- The Complete Full-Stack Web Development Bootcamp