

# Sammyajit Kapuria

Bronx, NY – 10461

(646) 431 -7900

[skapuria.netlify.app](mailto:skapuria.netlify.app)

[sammykapuria@gmail.com](mailto:sammykapuria@gmail.com)

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## Education

### Hunter College

Bachelor of Arts in **Computer Science**

### Relevant Coursework

Operating Systems, Data Structures and Algorithms, Object Oriented Programming, Calculus, Computer Architecture, Discrete Structures, Intro to Robotics, Networks and Communication, Databases

### Brooklyn Technical High School

Major Diploma: **Software Engineering**

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## Technical Skills

**Languages:** C++, Python, MySQL, HTML, CSS, MIPS Assembly, Java, C#, React JS, Swift

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## Professional Experience

### Junior Developer | GRIT PPO | 02/23 - Present

- Led multiple projects, specializing in maximizing workflow efficiency and productivity by fully utilizing the G Suite platform, including comprehensive user management and feature utilization.
- Enhanced and maintained multiple React-based applications by developing reusable and efficient React components, resulting in a 20% improvement in development speed for new features, and collaborated with senior developers, UX/UI designers, and QA teams to ensure optimal performance and timely delivery of updates.
- Automated the process of call logs and dispositions being FTP'd from Five9 to the local server using Python and MySQL, subsequently uploading them to Retool, improving agent KPI tracking by management.
- Resolved numerous technical tickets through the Jira ticketing system, addressing hardware and software issues with Five9, Front, and Slack.
- Developed, designed, and implemented rate cards using React.js, HTML, and CSS, resolving any bugs or issues with rate card code.
- Utilized Google Calendar API and Google Apps Script to automate creating, editing events triggered by certain conditions.
- Maintained servers to ensure smooth operation, promptly addressing any issues or bugs to minimize downtime and optimize performance.

### COLLEGE AIDE - ASSIGNMENT LEVEL II (INFORMATION TECHNOLOGY) | NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE | 11/19 – 01/23

- Assist provider offices with vaccine orders and Vaccine for Children (VFC) Program re-enrollment and assist with providing education and information about the VFC program and its requirements.
- Utilized SQL to query CIR databases for immunization records, providing essential information to healthcare providers and parents regarding the retrieval of immunization records.
- Successfully installed and configured various software applications across multiple platforms, including Windows, Mac, and Linux systems.
- Troubleshoot Digital Data Logger software issues by conducting thorough analysis, identifying root causes, and implementing effective solutions to ensure seamless operation.
- Conduct investigations into provider site temperature excursion incidents; coordinates activities to resolve problems.
- During the COVID-19 pandemic, collaborated with healthcare, government, and pharmaceutical sectors to streamline vaccine distribution and resource allocation.
- Develop and conduct trainings for PQA and provider office staff on immunization best practices.
- Train providers on vaccine ordering and management, CIR reporting and vaccine accountability issues.

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## Projects

### Computer Science Final Project

- Assumed leadership for a four-person team tasked with creating a React based organizational app.
- Facilitated brainstorming sessions to generate ideas and proficiently assigned technical responsibilities to team members.
- Conducted weekly Discord meetings for task delegation, ensuring the team's collective focus and progress.
- Delivered a fully operational web based React App with Firebase Authentication and presented a successful team demonstration to a class of 35.

### Evaluating Infix Arithmetic Expressions

- Created an operator stack to translate an infix expression into a postfix expression and an operand stack to evaluate the postfix expression. Detect illegal expressions like missing operands or division by zero through exception handling.

### [Personal Portfolio Project](#)

- Developed and Deployed a Modern Portfolio Website using React, showcasing web development skills through dynamic and responsive UI components, ensuring cross-browser compatibility and performance optimization.