

# Sammyajit Kapuria

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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:** Python, Java, C++, React.js, MySQL, HTML, CSS, MIPS Assembly, C#, 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 call log processing with Python and MySQL.
- Resolved technical issues using Jira.
- Developed, designed, and implemented rate cards using React.js, HTML, and CSS, resolving any bugs or issues with rate card code.
- Automated Google Calendar events with Apps Script.
- Maintained server operations and resolved bugs.

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

- Assisted with vaccine orders and VFC program re-enrollment.
- Queried CIR databases with SQL for immunization records.
- Installed and configured software across Windows, Mac, and Linux.
- Troubleshoot Digital Data Logger software issues.
- Investigated and resolved provider site temperature excursions.
- During the COVID-19 pandemic, collaborated with healthcare, government, and pharmaceutical sectors to streamline vaccine distribution and resource allocation.
- Trained staff and providers on immunization best practices and vaccine management.

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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.
- Implemented exception handling for 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.
- Ensured cross-browser compatibility and full responsiveness for both desktop and mobile devices.