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**

Technical Skills
Languages: Python, Java, C++, React.js, MySQL, HTML, CSS, MIPS Assembly, C#, Swift

Professional Experience
SOFTWARE ENGINEER | STRATFORD SOLUTIONS | 08/24 - Present
- Developed enterprise-level applications to streamline business operations, focusing on automation and data processing.
- Utilized Visual Basic for Applications (VBA) to automate Outlook emails, triggering a Python script that converts XML files into custom PDF purchase orders, enhancing order processing efficiency.
- Created a Python program leveraging REST API from Oracle Business Network to automatically generate quotes in QuoteWerks using the QuoteWerks API, integrating the process server-side for seamless automation.
- Designed and implemented a Python Tkinter GUI application to convert PDF invoices into cXML files, offering options to download, email, or directly send them to the Oracle Business Network (OBN) for processing through the OBN API.

JUNIOR DEVELOPER | GRIT PPO | 05/23 – 06/24
- 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.
- 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 – 04/23
- 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.
- Troubleshot 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.

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.

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.