

RAJVEER SINGH

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EDUCATION

Queens College - City University of New York

Sept 2019 — Dec 2023

- **Degree:** Bachelor of Arts in Computer Science

SKILLS

- **Programming Languages / Frameworks:** Javascript, CSS, HTML, Python, Java, React.js, Node.js, Express.js
- **Database Systems:** PostgreSQL, Oracle, MySQL, SQL
- **Tools:** Docker, Git, GitHub, RedGate Toolbelt, Postman, REST API design, Agile methodologies
- **Testing Tools:** Cypress, Selenium WebDriver

WORK EXPERIENCE

IT Technician

Jan 2019 - Present

- Provide on-site and remote technical support for hardware and software issues
- Build and setup from scratch 10 computers custom tailored towards each client
- Install, configure, and maintain computer systems, servers, and network devices
- Diagnose and resolve hardware and software malfunctions in a timely manner
- Proficient in diagnosing and resolving Blue Screen Errors

Queens College - Teachers Aid

Feb 2022 - May 2022

- Assisted the professor in aiding 30 students with challenges they faced during the span of the course
- Aided students in connecting to Docker containers
- Originated a mini-lecture for students regarding industry-standard SQL development tools
- Collaborated with the professor regarding course material and fairness of exams

PROJECTS

[Facial Recognition App](#)

Feb 2023 — May 2023

- Developed a **FullStack React application** enabling users to register, login and utilize a face detection application
- Utilized **Node.js** framework Express to design and implement secure backend endpoints
- Developed a simple **REST API** written in **JSON** format to implement **CRUD operations**
- Implemented **bcrypt** hashing for password encryption as a security feature
- Conducted testing of backend endpoints using **Postman**
- Implemented **PostgreSQL** Database to store users' login information when they register
- Deployed application backend and server using Render

[Focus App-Project Manager & Team Leader](#)

Oct 2022 — Nov 2022

- Designed an organization app for customers to keep track of their activities using **HTML**, **CSS**, and **JavaScript**
- Created custom animations and styles using **CSS**
- Perform constructive code reviews and collaborate in larger architecture and design discussions
- Utilized **Git** for version control and tracking of code changes

[Database Design and Normalization-Project Manager & Team Leader](#)

Apr 2022 — May 2022

- Led a team of 5 students to design, plan, and implement a **Microsoft SQL Server** database into 3rd normal form from a flat file using **T-SQL**
- Simulated an **Agile workflow** environment by prioritizing implementing the most important features in the project to the least important, using the backlog and a to-do list
- Utilized **To-Do List** to track individual members' progress on assigned tickets and **Gantt Chart** to illustrate expected deliverables compared to current progress
- Organized daily stand-up meetings to discuss progress of assigned tickets and current issues
- Constructed **Inline Table-Valued Functions** and **Stored Procedures** to generate a high-performance scalable database
- Created queries to find solutions to real-world complex problems
- Conducted time analysis of queries and stored procedures to assess efficiency of production code