TANZIL EHSAN

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Education

Bachelor of Arts: **Computer Science**   Flushing, NY
Cuny Queens College   Graduate: January 2024

Projects

Todolist Project:

- Developed a **Django**-based CRUD application with **class-based views** and **custom model forms**, integrated with **Fetch API** for asynchronous data operations.
- Enhanced user interface using **Select2** for dropdowns and **Flatpickr** for date pickers, with dynamic data fetching and table population in **JavaScript**.
- Implemented a robust **Django REST Framework** API with **viewsets** and **router configuration**, ensuring secure and efficient task management.

Speech-Recognition Project **Development :**

- Pioneered a cutting-edge speech-recognition project, seamlessly integrating **Google search** and **web browsing** functionalities to enhance user interaction and productivity.
- Implemented sophisticated **speech-to-text conversion**, empowering users to effortlessly create files with customized names using intuitive voice commands, fostering efficiency and ease of use.
- Engineered a user-centric browsing experience, streamlining Google search functionality and enabling seamless navigation through search results with dynamic pagination features, ensuring a fluid and intuitive user journey.

Professional Experience

Software Engineering Fellowship   **Jun 2022 - Sep 2022**
Headstarter

- Led teams in developing projects using MVC design patterns, ensuring efficient design to deployment processes.
- Mentored by industry experts from Amazon, Bloomberg, and Capital One, focusing on **Agile** methodologies, CI/CD, **Git**, and microservices.
- Successfully implemented 2+ changes to web applications using **React**, contributing to open-source projects.

Retail Sales Associate   **Jul 2021 - Sep 2023**
AutoZone

- Delivered unparalleled customer service by assisting with purchases, locating items, and enrolling customers in reward programs, fostering increased satisfaction and loyalty among clientele.
- Maximized operational efficiency by leveraging ZNET and OBDII systems to aid customers in locating merchandise and diagnosing automobile issues, enhancing overall customer service effectiveness and streamlining operational processes.
- Demonstrated **strong teamwork** and **organizational skills** by collaborating with team members to uphold a clean and organized store environment, thereby optimizing the shopping experience and ensuring efficient product retrieval for customers.

Skills

- Language: Python, SQL, JavaScript, CSS
- Framework: Django, Django REST framework, React
- Tool: Pycharm, PostgreSQL, Jupyter Notebook, Notion, Git