Muhammad Saad Fareed

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EDUCATION

B.S in Computer Science	**University of Engineering & Technology,Lahore**	*2018 - 2022*

EXPERIENCE

Software Enginner   **Jan 2023 - Present**

CodeViz Technologies

- Working with **Vue**, **Vuetify**, **Nuxt**, **Django REST Framework**, **Microservices**, D3, Python Selenium, SQL, and Python.
- I develop applications and websites using **Vue**, **NuxtJS**, **Vuetify**, and **Django REST Framework**. I worked on numerous projects, including various websites, dashboards, and internal applications.
- Implementing API endpoints in the **Django REST Framework**, including those based on **Django ORM**, those based on **raw SQL**, and file export endpoints.
- Implementation of new features in **NuxtJS** websites, such as adding and styling new pages, adjusting existing or engineering new components, adding **Google Analytics** events, and improving existing **D3.js** maps and graphs.
- Writing **SQL** migration scripts for **MariaDB** databases and much much more.

Associate Software Enginner   **Jul 2023 - Dec 2023**

OCloud Solutions

- Working with **React**, **GraphQL**, **TypeScript**, **Node JS**, **Redux**, **Tailwind CSS, and SQL.**
- I've acquired in-depth knowledge and honed robust skills in constructing web applications, notably contributing to the development of a **smart search engine** and a **dynamic shopping** application. My proficiency extends to **PERN stack** and **GraphQL**. As an aspiring web developer, I am eager to leverage my skills and experience to assist organizations in crafting **user-friendly** web applications that **enhance user experiences** and **drive business success**

LEADERSHIP EXPERIENCE

PRESIDENT ACM UET NEW CAMPUS	**2021-2022**

PROJECTS

Develop Web applications using **Vue**, **NuxtJS**, **Django REST Framework, and Docker**.

- I excel in implementing features for **NuxtJS websites**, including page styling, component engineering, **Google Analytics** integration, and **D3**.js enhancements. Proficient in crafting **Django REST Framework** API endpoints, I adeptly handle both **ORM and raw SQL-based** solutions, along with developing file export functionalities. My collaborative approach, involvement in project management, and commitment to continuous learning contribute to delivering **high-quality**, and **scalable applications.**

Develop Meeting Minutes applications using **Python**, **React**, **Django REST Framework, and NLP.**

- The **Meeting Minutes Generator** is a useful tool for organizations looking to simplify the process of generating meeting minutes. The application's ability to handle **mixed languages(Urdu and English)** is particularly noteworthy, as this can be a challenge in many settings.
- The use of ASR for **audio-to-text conversion** is an important feature of the application, as it ensures that all spoken content is accurately transcribed. The **extractive summarization** approach employed by the application helps to ensure that important information is not missed in the final minutes. The **customized template** and list of attendees also add to the convenience and efficiency of the application.
- The Meeting Minutes Generator has the potential to **save organizations significant time and effort** in generating meeting minutes. By **automating the process**, the application can help to **reduce the workload for administrative staff** and **increase overall productivity**. Overall, the Meeting Minutes Generator is a well-designed application that addresses an important need in many organizations.

TECHNICAL SKILLS

- Languages: Typescript, JavaScript, Python, SQL (Postgres/MySQL)
- Frameworks: Django, NuxtJS, Node JS.
- Backend: REST APIs, Webhooks, Websockets, GraphQL.
- Cloud and DevOps: AWS, Docker.
- Databases: PostgreSQL, MySQL, MongoDB, Firebase.

ACHIEVEMENTS

- ⭐ **ACHIEVE RANK OF TOP 4% SOFTWARE ENGINEER WORLDWIDE**
- ⭐ **ACHIEVE RANK OF TOP 50 PYTHON DEVELOPERS FROM PAKISTAN**