Isaac Olivares

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Technical Skills
Programming: Python 3, JavaScript, ES6, SQL, HTML5, CSS
System Design: Monoliths, Microservices, Domain-driven design, RESTful API
Frameworks/Libraries: Django 4,PostgreSQL, RabbitMQ, Docker, FastAPIs, React.js, Tailwind CSS, Bootstrap

Application Development Experience
Volundeerly | Fullstack Developer | gitlab.com/volundeerly   **2023**
- Designed and developed a user-friendly app that allows users to create volunteer opportunities and to register as a volunteer by using a combination of FASTAPIs for the backend and React.js/Tailwind CSS for the frontend.
- Leveraged SQL to create and manage a secure and efficient database where registered volunteers could be saved and easily accessed, enabling users to efficiently manage their volunteer opportunities.

Car Dealer |Fullstack Developer|gitlab.com/cardealer   **2023**
- Created a service appointment tracking system for the application by implementing RESTful APIs and a poller to integrate the front-end and back-end, ensuring real-time accuracy and reliability of the application.
- Developed an intuitive user interface using React and CSS that utilized APIs to retrieve and update appointment data, allowing employees to view appointments, make new appointments, and also add new technicians.

Conference Management|Fullstack Developer| gitlab.com/conferencemanagement   **2023**
- Utilized RESTful APIs to exchange data between systems and applications in a secure and standardized manner.
- Created, updated, deleted, and retrieved data in JSON format, allowing for data exchange.
- Made HTTP requests from within the Django app to get third-party data from weather.com and pexels.com to store it in our database , allowing the app to have an improved performance in speed and access to the data offline.

Projects & Tasks| Fullstack Developer | gitlab.com/projectsandtasks   **2022**
- We built a monolithic application using Django framework, allowing users to create project and tasks, also added was user authentication to login, logout, and create accounts.
- Efficiently storing and retrieving data trough application requests was enabled by using a SQL database. This facilitated easy analysis of the data, while ensuring consistency and integrity of the information created/updated on the forms.

Professional Experience
Round Rock Independent School District   **2020 – 2022**
Biology/Integrated Physics and Chemistry Teacher/Soccer Coach
- Adopted cloud-based technology to reach, teach and hold online classrooms due to COVID-19.
- Created and executed lesson plans in accordance with Texas Essential Knowledge and Skills (TEKS) guidelines in both, English and Spanish languages.
- Achieved 95% passing rate on the STAAR Test, a requirement for High School graduation

San Jose Unified School District   **2019 – 2020**
Advanced Placement (AP) Physics Teacher
- Implemented a new curriculum based on NGSS and College Board standards for AP Physics 1, leading to improved student engagement and achievement in science.
- Created and implemented inquiry-based labs at least once a week for both AP and regular physics, resulting in increased student understanding and critical skills.

Dallas Independent School District   **2015 – 2019**
Physics Teacher /Soccer Coach
- Highest-in-District Regular and Pre- AP Physics Benchmark Passing Rate (100%), 2017,2018
- Conducted group and peer -to-peer Mathematics and Physics activities, fostering a collaborative learning enviromnet and promoting teamwork among students.

EDUCATION
Hack Reactor | Software Engineering Immersive Certificate   **2022- 2023**
The University of Texas at Dallas   **2014**
B.S. Biology