Taylor Wills

taylorwills.dev
Arlington, TX | (469) 742-1572 | taylor@taylorwills.dev
linkedin.com/in/taylorawills | gitlab.com/taylorwills

TECHNICAL SKILLS

Programming Languages | Python, JavaScript, Java, SQL, HTML, CSS/Sass
Libraries & Frameworks | React, Redux, Vue, Nuxt, Django, FastAPI, SQLite, PostgreSQL, MongoDB
System Design Tools | Agile Methodology, Monoliths, Microservices, Domain-driven design, DOM
manipulation, WebSockets, CI/CD, Docker

DEVELOPMENT PROJECTS

TuneCast | Developer | gitlab.com | *Python, HTML5, CSS, FastAPI, MongoDB, React*   2023
Online music platform that leverages real-time or user-specified weather data to create tailored playlists.
- Created a single-page application using FastAPI framework and Python to dynamically generate music playlists that match the mood of the weather, achieved by considering either the user's present location or a manually provided city and state.
- Leveraged React and CSS to create an engaging and interactive frontend that seamlessly integrates with Spotify's API and embeds a custom playlist player so the user can effortlessly listen.
- Implemented weather data retrieval through external APIs and integrated the obtained information with a comprehensive music recommendation algorithm to curate personalized playlists for users.

CarCar | Developer | gitlab.com | *Python, JavaScript, React, Django, PostgreSQL*   2023
Full-stack car dealership application featuring comprehensive APIs for vehicle management, sales, and service.
- Designed and implemented a robust microservices architecture using Django framework and Python. Enabled seamless creation, storage, and manipulation of vehicle, sales, and service data allowing the user to efficiently modify, update, or edit the stored information.
- Developed a dynamic single-page application utilizing React and JavaScript. Enhanced user experience by providing real-time updates and interactive features.

Conference Go | Developer | gitlab.com | *Python, HTML5, CSS, Django, SQLite*   2023
Web-based conference management application
- Leveraged Django framework and Python to enable users to efficiently create and modify projects and tasks within the web application.
- Employed HTML and CSS to craft an engaging and user-friendly front-end, enhancing interactivity and ensuring a seamless browsing experience.

PROFESSIONAL EXPERIENCE

Roadrunner Charters | Maintenance Director | Ft. Worth, TX   2015-2022
- Oversaw daily operations of a $40 million bus fleet, managing a team of 15 shop employees and coordinating with over 100 drivers to ensure smooth transportation services and customer satisfaction.
- Implemented preventive maintenance strategies, optimizing vehicle performance and building systems' efficiency, resulting in improved customer and employee experience.
- Introduced digital maintenance software, increasing operational efficiency by streamlining record-keeping and maintenance processes, ultimately enhancing overall productivity.

EDUCATION

Hack Reactor | Advanced Software Engineering Certificate   2023
Liberty University | Business Information Systems   2009-2013