

James Keyser

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TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML 5, CSS, C#, Java

Systems Design | Monoliths, Microservices, Domain-driven design, Web Performance, Mobile, AI solutions, GitHub, Cloud Services, AWS

Back-End Infrastructure | Django 4, Relational Databases, SQL database systems, MySQL, PostgreSQL, NoSQL systems, MongoDB, CI/CD, Version Control Systems

Front-End | DOM manipulation, WebSocket's, React

RELEVANT PROJECTS

Pawsitive Vibes

May '24

Database-Backed Web Application to handle business operations for Pawsitive Vibes. A dog grooming, training and breeding company.

- Designed & implemented backend API endpoints for testimonials feature using **Python & FastAPI**, addressing challenges in error handling
- Made use of React Hooks such as **useState & useEffect**, within JSX files, to craft frontend user interfaces for showcasing a testimonial list, thereby heightening user experience
- Developed a **PostgreSQL** database for the testimonials feature, incorporating an approved attribute to showcase a carousel of testimonials using **React-Bootstrap** in alignment with the owner's preferences
- Leveraged **Google Maps React** & integrated a third-party **Google Maps API** to showcase the company's extended service area, incorporating interactive overlays & geolocation services for enhanced user experience

CarCar

Mar '24

An application to handle operations of a automobile dealership.

- Created service department operations feature by employing **Django & Python** for backend development, effectively resolving challenges related to technician allocation & appointment scheduling complexities
- Engineered a Single Page Application (SPA) using React & JavaScript to empower users in managing appointments & technicians for an **enhanced user interface experience**

Conference Go

Jan '24

An event handler application.

- Established HTTP request functions for conference objects, enhancing backend testing through **optimization of HTTP requests with Insomnia**

PROFESSIONAL EXPERIENCE

United States Air Force | Enlisted Airman

Mar '17 - Mar '23

- Led a 3-day flight training event on **operations & maintenance procedures** for 5 different system types of aerospace ground equipment, qualified 75 airmen on each unit
- Managed technician utilization by efficiently overseeing maintenance actions & inspections utilizing the IMDS military call tracking system; **monitored training, consumable parts inventory, & inspection outcomes**

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program

May '24

- 1000 hours of coding training in JavaScript, React and Python in an Agile environment. Project-based curriculum that included solo coding, pair programming and team collaboration.

Colorado State University| B.S Computer Science

May '25

Rio Salado Community College| A.A.S Systems Analysis and Design

May '23