Jasmine Bagha

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TECHNICAL SKILLS
Programming languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS
Front-End | DOM manipulation, WebSockets, React, React Hooks, Redux Toolkit
Back-End | Django 4, PostgreSQL, MongoDB, FastAPI, RabbitMQ,
System design | Microservices, Domain-driven design, Message passing, Event sourcing

APPLICATION DEVELOPMENT EXPERIENCE
Bar Buddy | Software Engineer | Bar Buddy *Repo Link* | 2023
Allows users to create and manage a variety of drinks
- Developed a full stack application with a team of four other software engineers by leveraging **FastAPI** with **Python** and **React-Redux** using **JavaScript** to facilitate management of drinks
- Created comprehensive login and logout functionalities granting full access to creators while restricting unauthorized users from accessing certain features
- Collaborated within a team environment, employing efficient version control practices by seamlessly pushing and pulling changes to a cloud-based Git repository

Car Dealership | Software Engineer | *Car Dealership Repo Link* | 2023
Allows dealerships to create and modify vehicle inventory, service appointments and manage staff
- Collaborated with a colleague to develop a robust front-end and back-end application using **Django** for a car dealership, applying domain-driven design principles
- Executed efficient CRUD operations via **JSON** using **Python** for managing vehicle inventory, service appointments, and staff members, ensuring smooth daily operations
- Created an user friendly front-end through **CSS**, **HTML**, **Bootstrap, JavaScript,** and **React** to allow for service management

Project Management System | Software Engineer | *Project Management System Repo Link* | 2023
Allows users to manage multiple projects and tasks associated with their company
- Engineered a comprehensive project management system using **Django** with **Python**, empowering users to effectively manage multiple projects and associated tasks
- Implemented dynamic login, logout, and signup features, enabling seamless task tracking and user authentication
- Streamlined project organization and accessibility through **CSS** and **HTML** by introducing filtering options based on the company, resulting in improved productivity

PROFESSIONAL EXPERIENCE
Center for Social Dynamics | Clinical Lead   2020-2023
- Maintained a caseload of 50+ clients by providing direct supervision and technical training to a team of 10+ behavior specialists and caregivers to achieve learning outcomes
- Created lessons based on individual client needs and presented them while tracking learning progress
- Analyzed 50+ client's data to review and modify treatment plans for skill acquisition

Fisher Middle School | Science Teacher   2013-2016
- Served as department chair to allocate budgets across departments to meet curriculum needs
- Collaborated with science department teams to create and align curriculum to state standards-California State Standards, NGSS, and Common Core
- Delivered learning content to a diverse population of students through presentations and labs

EDUCATION
Hack Reactor | Advanced Software Engineering Certificate   2023
UC Santa Barbara | Board Certified Behavior Analysis Coursework   2022
UC Davis | Masters in Education   2014