**John Gardner**

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Seattle, WA

**TECHNICAL SKILLS**

**Languages****|** Python 3, JavaScript (ES6+), HTML5, CSS3, SQL

**System Design** **|** Monoliths, Microservices, Domain-driven design, Message passing, Containerization

**Back-End****|** Django 4, FastAPI, Python 3, SQL, Docker, PostgreSQL, MongoDB, SQLite

**Front-End****|** HTML5, CSS3, Bootstrap, Material UI, React, React-Redux, JavaScript (ES6+)

**SOFTWARE ENGINEERING APPLICATIONS**

**Full Stack Software Engineer |** DirectRep **|** [gitlab.com/John.Gardner/DirectRep](https://gitlab.com/John.Gardner/directrep) 2022

An app to contact politicians through AI-generated letters based on the user's view on specific issues.

* Leveraged an autoregressive language model to generate a letter on a given stance on an issue
* Returned localized representative results based on user’s zip code
* Implemented “copy-to-clipboard” and “auto-email” functionality to account for missing data

**Full Stack Software Engineer |** Car-Car **|** [gitlab.com/John.Gardner/CarCar](https://gitlab.com/John.Gardner/project-beta) 2022

Auto dealership inventory, sales, and service management system

* Built a RESTful microservice API with Django that utilized an improved Poller allowing connected microservices to communicate 45% faster
* Created React SPA front-end for the project reducing API calls by 33%

**PROFESSIONAL EXPERIENCE**

**Software Engineer Immersive Resident** *| Hack Reactor* **|** remote Mar 2023-current

* Provided one-on-one and small-group technical guidance and support to students, helping them navigate the complex world of software engineering and project management
* Provided support and mentorship to our students, helping them grow as engineers/individuals

**Residential & Commercial Real Estate Associate** *| Keller Williams* **|** OK Oct 2020-Mar 2023

* Managed prospective client expectations by providing a detailed assessment of property value through comprehensive comparative analyses of like properties
* Ensured greater client satisfaction by coherently discerning their needs and guiding them on their journey to find the perfect property to meet those needs

**Bar Manager** **|** *Sub-Culture Group* (two locations) **|** FL Jan 2019-Oct 2020

* Managed a team of 20 across two different locations and spanning multiple roles
* Saved the company thousands of dollars per week by auditing inconsistencies in the bookkeeping system and implementing new protocols that reduced the occurrence of errors
* Increased patronage by making recommendations to ownership for new products based on market research and emerging trends within the industry

**General Manager** **|** *Brewhouse Gallery* **|** FL Jan 2018-Jan 2019

* Made the business more efficient by researching, comparing, and implementing a new Point of Sale system that better suited the business’s needs for flexible inventory management
* Saved the business tens of thousands of dollars by researching multiple transaction processors and using that data to negotiate a competitive rate that was locked in for 5 years

**EDUCATION**

**Hack Reactor |** *Software Engineering Certificate with JavaScript and Python* 2022

**Oklahoma State University |** *Coursework in Computer Science* 2011-2015