# John Gardner

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## **TECHNICAL SKILLS**

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

**System Design** | Monoliths, Microservices, Domain-driven design, Message passing, Containerization **Back-End** | Django 4, FastAPI, Ruby on Rails, Docker, PostgreSQL, MongoDB, Next.js **Front-End** | JavaScript, TypeScript, React, HTML5, CSS3, Bootstrap, Tailwind, React-Redux

## SOFTWARE ENGINEERING APPLICATIONS

Full Stack Software Engineer | DirectRep | gitlab.com/John.Gardner/DirectRep

2022

An app to contact politicians through Al-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 | Portfolio Site | johngardner.dev

2023

Custom portfolio site built using TypeScript, React and Next.js and deployed to Vercel

- Built a fully reactive and responsive website using React and Tailwind CSS
- Utilized many 3rd party libraries such as Framer Motion and EmailJS to add custom functionality

# **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 Oklahoma State University | Coursework in Computer Science

2022

2011-2015