

Devin Gould - Sr. Software Engineer

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Results-driven Senior Full Stack Engineer with 8 years of experience in diverse industries, including electrical, agricultural, and real estate. Passionate about pushing the boundaries of software development and focused on creating high-quality products. Seeking a Full Stack Engineer position to contribute to cutting-edge innovations in the generative AI space.

Experience

CharlieAI, Remote — Founder & Developer

Jan 2023 - Present

[CharlieAI](#) is a specialized generative AI platform that creates amusing and diverse images of your dog! Provided with just 5 images of your canine companion, CharlieAI generates 100 new images in 10 distinct styles.

Highlights:

- Developed and optimized a multi-stage Stable Diffusion training pipeline, resulting in industry-leading personalized dog images in terms of quality.
- Successfully engineered the entire CharlieAI infrastructure end-to-end, incorporating a resilient pipeline to oversee training and inference phases hosted on <https://replicate.com/>
- Conceptualized and implemented an intuitive UI/UX design focused on optimal user engagement, ensuring seamless mobile compatibility
- Employed innovative marketing strategies, harnessing social media and referral networks to promote app awareness and increase user base

Sabbatical, 11 Countries — Traveler

Jan 2023 - Present

Left Checkr to pursue my dream sabbatical journey through some of SEA and Europe! In between eating great food and laying on the beach I spent time working on a Generative AI app, going through the Fast.ai deep learning courses, and relearning all the math I forgot from highschool & college.

Checkr (YC S14), Boston (remote) — Full-Stack Senior Software Engineer

July 2021 - Jan 2023

Background Checks Made Easy. #15 on the Top Private YC Companies by Valuation list. First employee on the Admin Experience/Expansion team, leading multiple new initiatives to improve code quality, best practices, and developer productivity. **Highlights:**

- Implemented and educated other engineer's on a new testing strategy for front end repo's using React Testing Library and MSW for functional test coverage. This saw significantly improved test coverage vs other projects.
- Became de-facto frontend lead for the larger org, assisting other engineers and making architecture decisions across several projects
- Established react-query as the preferred tool for fetching & caching data, and helped educate the team on

its usage.

- Advocated for and implemented upgrading a project's React, Mobx, Node and other libraries to the latest versions after it had been un-updated for 5 years. React 15 -> 17, Mobx 2 -> 5, React-Router 4 -> 5
- Led development of the new Checkr Partner Dashboard with a team of 7
- Designed plan for new work on a legacy application, to support modern tools we use elsewhere without needing a full rewrite.
- Implemented onboarding changes with team that improved revenue from onboarding flow by 10% in first month

Lighthouse, San Francisco CA (remote) — First Hire - Tech Lead

February 2020 - June 2021

We give you cash back on rent. Started as a contracting engineer before any fundraising. Joined full time as first hire after the pre-seed round. Led and grew a remote engineering team to 5 engineers. **Highlights:**

- Led design and development for core products.
 - Rental marketplace for apartments (<https://lighthouse.app/search>).
 - Accounts and reward payment processing system. Responsible for sending \$50k+ in ACH payments
- Helped strategize product direction, advised on technical possibilities, develop roadmap
- Hired & managed a mixed team of full-time engineers and contractors across 5 timezones.
- Established engineering culture foundations, agile workflows, and remote work processes

VoltServer, East Greenwich RI — Software Engineer

January 2018 - May 2020

The creators of Digital Electricity. Contributed to design, development, and testing of multiple applications including production applications and internal projects. **Highlights:**

- Led design and development for internal tools that transformed several company processes including an Inventory Management System for our products.
- Responsible for development of business critical features including a control and monitoring system for indoor agricultural lighting.
- Built a Cross-platform mobile application to discover and connect to network devices using both mDNS and UDP Broadcast.
- Collaborated with electrical & firmware engineers on PCB designs to interface properly with software specifications

VoltServer, East Greenwich RI — Software Engineer Intern May 2016 - January 2018

URI Bookstore, Kingston RI — Web Developer October 2015 - May 2016

Education

University of Rhode Island, Kingston RI - Computer Science December 2017