

Brett Gardiner

SOFTWARE ENGINEER

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Introduction

Brett Gardiner is passionate about delivering working software solutions that customers love. He enjoys long walks in the server room and warming his hands by the mainframe. The radiation from the servers helps him contemplate new ideas and problems that could be solved by software. In the evenings, you'll find Brett tinkering with different technologies to expand and grow his interests.

Let's talk about

Development	JavaScript, TypeScript, Elixir, Python, Rust, SQL, Node, React, Next.js
Tools	Git, Linux, Ansible, Terraform, Docker, Kubernetes
Best Practice	Pull Requests, Code Reviews, Mentoring, Pair Programming, GitOps, Documentation, Testing
Hobbies	Linux, Self-hosted Kubernetes Homelab, Hiking, Camping, Biking, Pickleball

Work Experience

PDQ.com

Salt Lake City, Utah

SOFTWARE ENGINEER

Feb. 2018 - PRESENT

- Implemented data-heavy SaaS product with Elixir, Phoenix, TypeScript React and a Rust agent
- Developed new payment portal to support customer subscriptions that saved the company \$200k in monthly revenue
- Rapidly built Progressive Web App on a cross-functional team with TypeScript, React, Next.js, multi-browser automated testing, and modern CI/CD tooling to replace antiquated product
- Designed data-driven application to preserve professional content that led to increase customer capture
- Created multidisciplinary guilds and helped increase development rigor between cross-functional Agile delivery teams

ForwardMomentum LC

Lehi, Utah

SOFTWARE ENGINEER

Aug. 2021 - Feb. 2022

- Built real-time clinical software using Google Firebase tools
- Architected CI/CD for continuous releases on a project with manual releases
- Worked quickly with a nimble team toward release deadlines to make features available to clients as soon as possible

Crossroads Technologies

Salt Lake City, Utah

SOFTWARE ENGINEER

May 2017 - Feb. 2018

- Built an enterprise learning management system with Angular 4, Python, Django Rest Framework, and PostgreSQL for a HIPAA and HITRUST compliant industry
- Executed and delivered new product in record time to market for greenfield business endeavor
- Setup direct feedback loops between customers and development team in order to deliver critical features

Education

Brigham Young University

Provo, Utah

B.S. IN NEUROSCIENCE

2011 - 2015

- President of Neuroscience Student Association and Life Sciences Student Leadership Council member
- Research poster presentations at international neuroscience & anatomy conferences
- Self-taught Python, Bash and Linux to produce lab results for neuroimaging projects for Alzheimer's studies and digital modeling
- Directed anatomical image segmentation and 3D rapid prototyping for multidisciplinary studies