

# Jared Naylor

## Software Engineer

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### Technical Experience

**Tinker**, *Creator, Software Engineer* ☑

2023

Tinker is an open-source backend-as-a-service (BaaS) that automates deployment on AWS and accelerates development through a database editor UI.

- Created a CLI that automates deployment and teardown of 26 AWS components for user backends (CloudFormation)
- Designed and Implemented Tinker infrastructure including network and security (VPC, subnet, IGW, route table, NACL, security group, ALB, listener)
- Engineered automatic provisioning of NGINX, PostgreSQL, and an API layer for each user backend on EC2s using Docker, eliminating the need to write boilerplate CRUD routes
- Centralized TLS certificate exchange between clients and backend servers through TLS offloading (Route53, ALB), reducing certificate count from linear growth to constant
- Secured Tinker through authentication with JWTs and authorization with PostgreSQL roles
- Built a responsive dashboard UI to serve as an abstraction for manipulating a PostgreSQL database (React, TailwindCSS)
- Developed RPCs for dashboard SQL queries (DDL and DML)
- Collaborated with a remote team of 3 engineers across 2 timezones
- Authored Tinker's case study ☑ (<https://tinker-base.github.io/case-study>)

**Self-Employed**, *Software Engineer*

2021 – 2023

Developed open-source web applications with technologies such as Node, Ruby, Rails, PostgreSQL, React, JavaScript, HTML, and CSS

#### **Selected Projects:**

- MiniBin: A Node.js application built with Express and PostgreSQL to capture & monitor webhooks
- InstantCart: A shopping cart app built with React/Redux, Node.js, Express, and MongoDB

### Professional Experience

**Sales Representative**, *MakeSpace*

2019 – 2021 | New York, NY

- Managed own sales pipeline by following up on warm inbound customer inquiries

### Skills

#### **Backend**

Node.js, Express, Ruby, Go,  
PostgreSQL, MongoDB, RESTful  
APIs

#### **Frontend**

JavaScript, TypeScript,  
React/Redux, HTML, CSS,  
jQuery

#### **Tooling**

Docker, Linux, Bash, AWS EC2,  
CloudFormation, Git/GitHub

### Education

**English Literature & History**, *Texas Tech University*

2007 – 2011 | Lubbock, TX