

Travis Bumgarner

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Website travisbumgarner.dev

Languages

CSS
HTML
JavaScript
Python
SQL
TypeScript

Frontend

Electron
Next.js
React

Mobile

Capacitor
React Native

Backend

Express
FastAPI
GraphQL
Node

Infrastructure

AWS
Cloudflare
Docker
GCP
Heroku

Databases

Mongo
PostgreSQL
Supabase

Design

Figma

Spoken

English
Spanish

Experience

Zero-to-One Software Consultant & Entrepreneur | Self-Employed Remote, USA | 8/2024 - Present

- Build frontend from scratch to closed alpha for stealth AI startup (Capacitor, React, TypeScript).
- Independently design, engineer, and market multiple full-stack apps (see Selected Projects).

Senior Software Engineer | Switchboard Remote, USA | 7/2022 - 7/2024

- Shipped a recording engine with 100% reliability and instant cloud playback through extensive research and iterative prototyping (React, TypeScript, GraphQL, AWS, Mongo).
- Developed interactive recordings allowing viewers to pause and interact with the recording's content in real time.
- Shipped a collaborative PDF viewer with shared commenting, 95% faster than its predecessor.

Senior Software Engineering Consultant & Tech Lead | DEPT Remote, USA | 12/2021 - 7/2022

- Served as technical lead on a greenfield hot desk tracking application.
- Founded a 91-member security collective focused on learning and sharing security practices.

Founder | Painless Prototyping Boston, MA | 8/2020 - 10/2021

- Designed accessible, beginner-friendly kits for learning soldering, programming, and circuits.
- Launched BYO Keyboard Kit on Kickstarter, raising \$31,828 from 510 backers.

Lead Full Stack Software Engineer | Prenda Remote, USA | 2/2021 - 9/2021

- Led 10 engineers to rewrite the attendance tool, required for all company billing.
- Organized 25-person engineering team with all-hands, architecture, and learning meetings.

Senior Full Stack Software Engineer | Pluralsight Boston, MA | 6/2018 - 2/2021

- Launched search engine serving 1.6M searches/month from idea to general release (React, TypeScript, Express, Elasticsearch, Python).
- Raised team health score from 3/5 to 4.5/5 through quarterly surveys and team building.
- Conducted user research and data analysis to prototype 10+ product improvements across search and content discovery.
- Delivered 15+ presentations on engineering topics and soft skills to audiences of 10–200 people.

Full Stack Software Engineer | Contract & Freelance Remote, USA | 8/2015 - 3/2018

- Self-taught career switch from mechanical engineering via freelancing and contracting.

Environmental Health Specialist | Peace Corps Panama | 6/2013 - 7/2015

- Designed and led community health projects focused on water access and quality in Panama.

Selected Projects

Photo Palettes | photopalettes.com | React, TypeScript, Python, Heroku, Supabase, FastAPI, Figma

Ideas Down | ideas.silysideprojects.com | React Native, TypeScript, Figma, Expo, Drizzle

gcode2dplotterart | gcode.silysideprojects.com | Python, Docusaurus, G-Code

Photography Portfolio | travisbumgarner.photography | React, TypeScript, NearlyFreeSpeech, Figma

Education

B.S. in Mechanical Engineering Rutgers University | New Brunswick, NJ | 6/2013