

Bret Funk

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<https://github.com/bretfunk> | <https://medium.com/@BretFunk>

Skills

Programming

Ruby • Rails • Javascript
jQuery • HTML • CSS • SQL
Node.js • Git • Github • Vim
AWS • S3 • API Gateway
Lambda • Heroku • Chai
RSpec • Minitest • Mocha
Solidity • Web3 • Truffle
IPFS • React.js • Next.js
Semantic UI • Bootstrap

Aviation

Active Commercial Pilot License
with Instrument Rating

Language

Fluent in Spanish
Formerly spoke basic Italian

Government

Secret Clearance

Education

Turing School of Software & Design

Backend Engineering Program
November, 2017 | Denver, CO

University of Central Missouri

BS in Aviation/Professional Pilot
May, 2008 | Warrensburg, MO
Magna Cum Laude

Awards

- Fighter Squadron 31 Plane Captain of the Year
- Global War on Terrorism Expeditionary Medal
- Navy and Marine Corps Achievement Medal
- National Defense Service Medal

Summary

Iraq veteran, Turing graduate and former small-business owner looking for meaningful work. I believe in hard work, teamwork and to always be learning.

Projects

TAKEOFF | <https://www.iwanttotakeoff.xyz>

- Crowdfunding blockchain app built on the Rinkeby Ethereum Testnet using Solidity, Web3, React.js, Next.js, IPFS and Semantic UI.
- Code: <https://github.com/bretfunk/takeoff>
- Factory address: 0x9DfFec289A3B2717C80956c0FE30969F57a33534

ANKISOUND | https://bretfunk.github.io/anki_sound_frontend

- Language learning support app that converts custom text files in 20+ languages into audio files. Built with React.js, Ruby on Rails, AWS API Gateway, Lambda (in Python), and a S3 bucket. Bootstrap styling.
- Frontend code: https://github.com/bretfunk/anki_sound_frontend
- Backend code: https://github.com/bretfunk/anki_sound_backend
- AWS Lambda code: https://github.com/bretfunk/anki_sound_lambda

CLONEY ISLAND TRAVEL | <https://cloneyislandtravel.herokuapp.com>

- Group project of an imaginary travel app that utilizes OAuth and an internal password system, Google, Yelp and Wunderground API data, ActionMailer and Active Jobs. Won Turing's Demo Night.
- Code: <https://github.com/bretfunk/SQUEEE>

Experience

RUBY RECRUITING | Co-Founder and CEO

2012 - 2016 | Remote

- Funded, built and sold an online government contracting company.

U.S. CONGRESS | Press Secretary/Cybersecurity Aide/Systems Admin

2008 - 2012 | Washington, DC

- Wrote on-the-record press releases, op-eds, speeches and talking points.
- Maintained a Senate computer network and advised the Ranking Member of the Senate Select Committee on Intelligence on tech-related issues.

UNITED STATES NAVY | Aviation Electrician/Final Checker/PC

2000 - 2004 | Fighter Squadron 31

- Inspected, repaired and launched F-14D Tomcats during Operations Iraqi Freedom, Southern Watch, Enduring Freedom and Rapid Dominance.