

Frank Besson

<https://linktr.ee/frankbesson>



Professional Experience

Founder & CTO - *TableOne* (<https://tableone.app>) March 2023 – Present

- Featured in Forbes, The New Yorker, Gothamist and more.
- Built all things techy from scratch. Leverage AWS, Cloudflare, React, NodeJS, Python, Golang, MongoDB, Redis, and Docker to build the following...
 - iOS mobile app – 20,000+ downloads and top percentile for conversion, no retention, and crash rate according to Apple's app-store analytics.
 - Website – 60,000+ unique visitors per month, 10 cyber-attacks blocked per month, SLA 99.99% uptime.
 - Notification server – currently serving 2.5 million real-time push notifications daily, with a sub-second delivery latency, while also being able to track individual notification click time.
 - In-app live inventory – able to serve real-time live reservation updates to 50,000 app sessions concurrently.
- Grew user base to over 20,000 users without any marketing budget. Currently growing at ~100 users/day.

Principal Full Stack Software Engineer - *Capital One – Market Intelligence* August 2022 – May 2024

- Manage analytical environment in AWS used by C-Suite to make critical business decisions.
- Design and deploy scala-spark pipelines responsible for processing petabytes of data daily.
- Work closely with stakeholders to architect and build full stack react applications, reducing the number of analyst hours needed to complete data analysis.

Lead Consultant - *Qbiz Data Rockstars – Levi's* May 2021 – July 2022

- Provide insight on best AWS and data practices to Fortune 500 clients
- Refactor existing infrastructure and codebase to increase availability while decreasing cost
- Improve algorithmic efficiency to reduce execution time and required resources

Data Engineer II - *DISH Media* October 2019 – May 2021

- Lead migration from on-prem to AWS to improve availability and cost
- Build and maintain ETL pipelines responsible for creating addressable audience files
- Develop and maintain scalable web applications utilizing used by 100+ coworkers
- Researched and vetted third-party data vendors to build Dish's proprietary identity graph

Data Analyst - *ASML* October 2018 – October 2019

- Build/Manage on-prem databases and no-code tooling for easy/secure queries
- Complete big data analysis using to identify, solve and prevent system/sensor problems
- Respond to emergencies / machine stops to ensure steady chip production and happy clients

Education

M.S Computer Science (Enterprise & Cloud Computing) Stevens Institute of Technology
B.S. Mechanical Engineering Lafayette College

About Me

- Bold – look forward to standing in front of crowds and presenting new ideas
- Driven – can pursue a loosely defined problem and quickly generate solutions
- Creative – think outside of the box to spark innovation while embracing best practices
- Energetic – foster positive team dynamics and inspire those around me to create great culture