



Michael S Airola

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Professional Summary

Full stack engineer currently working at [Defie.co](#). I am dedicated to writing usable, maintainable and powerful code.

Skills

- **Front End:**
 - Firm grasp of most javascript concepts, from plain vanilla coding to component-based lifecycle frameworks (i.e. React).
- **Back End:**
 - Strong understanding of APIs using HTTP and HTTPS. Current Server-side languages used in production are Node and GoLang, but open to learning others.
- **Development Operations:**
 - Expertise is in the Google Kubernetes Engine. Specific knowledge in: Google cloud console (gcloud), Kubernetes, Istio, Helm.
- **Database:**
 - Relational Database Management geek. Currently transitioning dialects from postgresSQL to MySQL. Open to learning other Data Base Management Systems, relational or otherwise. Most recent work in schema and data migrational systems.
- **Achievements:**
 - Over the past year, I have implemented many application-wide framework refactorizations that have significantly increased developer productivity and code simplicity. Finding solutions to problems is what I do best.
 - As lead engineer, total lines of code of main work project went from 134,244 to 43,460 (67.62% decrease) within a timespan of 6 months.

Work History

- Full Stack Engineer at [Defie.co](#). Fremont, CA. 2018-Present
- Server at BeachSide Bar and Cafe. Santa Barbara, CA. 2016-2018
- Poke Bar manager at Big Eye Raw Bar. Santa Barbara, CA. 2017-2018
- Blenders In the Grass smoothie-shack. Santa Barbara, CA. 2013-2014
- Camp Counselor at Clover Sports Camp. Carmel, CA. Summers 2009-2015

Education

B.S. Mathematics, Physics Minor from UC Santa Barbara 2016