



# Michael Airola

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425 Purisima Avenue. Sunnyvale CA, 94086.

## 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 vanilla Javascript, node, redux state management framework, and component-based lifecycle frameworks. Current tools used are Typescript, Redux, and LitElement. Using LitElement Components, eliminated 59,591 lines of code from front end App.
- **Back End:**
  - Understanding of server terminology and concepts (HTTP protocol, APIs, CRUD applications, and authentication). Using Golang, created of CRUD Router Factory that eliminated around 28,625 lines of code from backend microservices.
- **Dev Ops:**
  - Expertise is in the Google Kubernetes Engine. Specific knowledge in: Google cloud console (gcloud), Kubernetes, Istio, Helm. Using Helm charts, simplified and speed of the deployment experience from hours to minutes.
- **Database:**
  - Relational Database Management geek. Currently transitioning dialects from postgresSQL to MySql. Open to learning other DBMS's, relational or otherwise.
- **Take Aways:**
  - Over 7 months as lead engineer, total lines of code of our project went from 175,533 to 58,692 (65% decrease).

## 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