

Ashwin Chalaka

408-834-3724 | San Francisco Bay Area
ashwin.chalaka@gmail.com

LinkedIn

[linkedin.com/in/ashwinchalaka](https://www.linkedin.com/in/ashwinchalaka)

GitHub

github.com/ashwinchalaka

Full-stack web/mobile developer and software engineer with 1+ years of experience. Proficient in numerous programming languages, modern frameworks, and development tools. Quickly learns new technologies. Schooled in clean object-oriented design and easy-to-follow documentation. Most notably accomplished an enterprise web solution within 4 months as a technical and organizational lead.

Education

San Jose State University
B.S. Software Engineering
(3rd year / Junior)

Foothill-De Anza College
Computer Science for transfer
(2017 - 2020), GPA: 3.66

Oregon State University
Industrial Engineering
(2014 - 2017)

Projects

Visual

Creates visualization for CSV dataset.

- Java, JavaScript
- SpringJS
- MongoDB
- HTML5, CSS3

Coach

Technology aid for skill building.

- JavaScript
- AngularJS
- NodeJS, ExpressJS
- MongoDB
- HTML5, CSS3

Notes API

Convert anything to notes.

- Swift (for iOS), Python
- Django
- HTML5, CSS3
- API's: #1, #2, etc.

Experience

STEM-Away, Inc, Santa Clara, CA and remote-work - Full Stack Developer and Project Lead

Jul 2019 - Oct 2019

- Controlled the product development life cycle of the STEM-Away *Career Statistic Tool* and successfully launched within 4 months
- Resolved a process bottleneck that immediately advanced the team from project planning to the prototyping stage
- Engineered ...
 - a Python-Django MVC architecture and deployed to Google Cloud that brought the project to life
 - a script to process API data through validation and filtration into a PostgreSQL database which eliminated need to manually verify the data
 - an admin tool inside of the Python-Django application to securely edit previous entries into the database

Coding Dojo, San Jose, CA - Web & Mobile Developer Accelerator Student

Jul 2018 - Nov 2018

- Exceeded 1,000 hours of onsite training in web/mobile development earning job-ready proficiency in 3 full-stack technologies and a double black-belt certification

Technical Skills

- **Formal Classes**
 - Computer Science:
 - Object Oriented Design, Assembly Language, Data structures, Algorithms, Discrete Math, Calculus, Physics
 - Software development:
 - Java
- **Coding Dojo, On the Job, and Self Taught**
 - Web development:
 - MEAN Stack, Python, JavaScript, CSS3, HTML5, MVC, AWS EC2 Deployment, Google Cloud, Modularization
 - Frontend:
 - AngularJS, jQuery, Bootstrap, Responsive Web Design, The Box Model, AJAX, Adobe Photoshop, GIMP
 - Backend:
 - Django, NodeJs, Express, Flask, Session, Bcrypt,
 - Database:
 - SQL, noSQL, MySQL, SQLite, ORMs, MongoDB, Mongoose, Models, Relational Tables
 - Mobile development:
 - Swift (iOS), Auto Layout, CoreData, CoreMotion, CoreLocation, MapKit, UIKit, AVFoundation
 - API:
 - JSON, RESTful, Postman
 - Developer tools:
 - GitHub, Microsoft VS Code, IntelliJ, Eclipse, Sublime Text, Asana, Slack

Organizational Leadership

- **In School**
 - Worked as a notetaker and tutor for registered disabled, disadvantaged, and struggling students, see [LinkedIn](#) for full list of prior jobs
- **STEM-Away** — see endorsement [here](#)
 - Detailed project organization and communication of technical information, as seen [here](#)
 - Partnered with supervisor to build a full team and personally trained entry-level members
 - Coordinated remote and in-person meetings between mentees and mentors and delegated tasks to all team members