Samuel Ayler

Full Stack Web & App Developer

I am leveraging an aviation background to build a more intuitive user experience on all platforms. Recently, I earned a certificate in full-stack development from the University of Berkeley, with newly developed skills in JavaScript, React.js, Node.js, MongoDB, MySQL, responsive web, and app design.

Among my teammates, I am an innovative problem solver passionate about developing apps, focusing on mobile-first design and development building solutions rooted in engaging each audience for an impactful user experience unique to every project. Including applying all aspects of the UX design process and agile development.

As part of a four-team team, we recently developed a recipe app to encourage users to discover new recipes with the capability to save and convert ingredients into grocery lists while locating their most neighboring open grocery store.

Looking forward to leveraging my skills as part of a fast-paced, quality-driven team to build better online experiences.

PROJECTS

Weather Dash— *Web app*

The Weather Dash was built to help the user plan their day accordingly after checking the weather at their current location or future destination.

The Weather Dash is powered by Javascript, jQuery, Open Weather API, and BootStrap.

Recipe Pal — *Web app*

Recipe Pal is a place where you can search for recipes, filter by preference, easily view ingredients required and to your own customized grocery list. You can also locate open grocery stores and supermarkets nearby.

Recipe Pal is powered by Javascipt, Materialize framework,jQuery, Edanam's API, Google maps API, and Google places API.

Galaxy Planning— *Web app*

A full-stack application designed to make household planning easier. A user can keep track of what chores each person is responsible for. All credentials are protected with encryption. A Sequelize ORM coupled with GET and POST enables server-side CRUD functionality.

Galaxy Planning is powered by Javascript, MySQL, Handlebars, express.

340 Fremont St
San Francisco, CA 94105
(415) 518-0331
s.ayler@me.com
LinkedIn
GitHub

SKILLS

Leadership

Instruction

Detail oriented

Communication

Time management

TOOLS & EXPERTISE

HTML

CSS

REACT.JS

GIT

MongoDB

NODE.JS

MYSQL

PROGRAMMING LANGUAGES

Java Script

Java

EDUCATION

UC Berkeley Extension, San Francisco CA — *Certificate*

October 2020 - March 2021

Grand Canyon University, Phoenix AZ — *Computer Science*

July 2018 - September 2021

EXPERIENCE

Compass Airlines, Minneapolis MN. — *Captain*

May 2016 - April 2020   (Full-time)

Worked as a Captain, operating flights, and managing a full crew.
Responsible included:

- Safely operating flights
- Crew resource management
- Evaluating threat and error management
- Providing constructive feedback to a large scale team

Tradewinds Aviation, San Jose CA. — *Senior Flight Instructor*

August 2015 - May 2016   (Full-time)

Responsible included:

- Creating student schedules
- Lesson planning
- Mentoring
- Providing a safe environment conducive to learning
- Effective team communication and feedback

Aperture Aviation via Google, San Jose —Check Airman/ Line Pilot

May 2011 - August 2015   (Full-time)

Responsible included:

- Line pilot recurrent
- New hire training
- Updating training curriculum
- Coordination with air traffic control (ATC) for photo missions
- Planning safe flight plans in case of relocation need