ALYSSA NOLAN

Full-Stack Web Developer, Vacaville, CA 95687

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Portfolio: aanolan51.github.io/ANolan_Portfolio/

SUMMARY

A creative and self-motivated chemical engineer seeking to pursue professional growth opportunities as a graduate of the UC Davis Full Stack Web Development Certificate program. An organized and experienced project leader with experience developing and implementing process controls, training programs, teaching, and presenting to senior management. Utilizes experience with project management, teaching, and programming to develop functional server-side applications and solutions to meet the personalized needs of the customer.

TECHNICAL SKILLS

Languages: CSS, HTML, JavaScript

Libraries: Bootstrap, Bulma, Node.js, jQuery, React

Technologies: MySQL, MongoDB, GraphQL, Heroku, Stripe

PROJECTS

Bountiful | GITHUB: https://github.com/aanolan51/bountiful_v3
        | HEROKU: https://bountiful-us.herokuapp.com/
- Bountiful is a peer-to-peer MERN full-stack application that provides a space for small-scale and home gardeners to sell any extra produce they have grown to others in their local area.
- **Role:** Back end design, troubleshooting backend and front end connections
- **Technologies:** CSS, React, JavaScript, MongoDB, GraphQL, Stripe, Heroku, and Mongo-Atlas.

Let's Blog | GITHUB: https://github.com/aanolan51/LetsBlog | HEROKU: https://letstech.herokuapp.com/
- The Let's Blog application is a full-stack application that allows a user to manage their blog posts, comment on other posts, and view all posts made within the application.
- **Role:** Sole contributor.
- **Technologies:** CSS, HTML, JavaScript, MySQL, Heroku, and postgres.

Team Profile Generator | GITHUB: github.com/aanolan51/Team_Profile_Generator
- The Team Profile Generator allows a user to build a work team starting with a manager, and create an easy to navigate HTML page that contains each person's position, name, and contact information.
- **Role:** Sole contributor.
- **Technologies:** CSS, HTML, JavaScript, node.js

EXPERIENCE

GENENTECH   Vacaville, CA
Manufacturing Bioprocess Technician | February 2020 – March 2021
- Worked in downstream manufacturing, Final Purification of bulk protein, adhering to cGMP guidelines.

DIXON MONTESSORI CHARTER SCHOOL   Dixon, CA
Paraprofessional – Advanced Math 6 and science 6 | June 2017 – May 2018
- Integrated project based learning and technology into lessons to engage learners and improve critical thinking skills.

Middle School Teacher *– Math 6, 7, 8, Advanced AND Electives* | November 2015 – May 2017
- Middle School Math – Taught 6th, 7th, and 8th grade California Common Core math standards. Differentiated instruction based on student needs and benchmark testing. Implemented the High school Integrated I coursework.

MICHELIN   Greenville and Anderson, SC

Materials Industrialization Engineer | January 2013 – September 2014
- Managed a multidisciplinary team as Project Leader. Maintained a schedule that adhered to customer deadlines.
- Coordinated process capability and material quality testing in manufacturing plant.

Process Engineer | June 2011 – January 2013
- Recorded, analyzed and documented process data to increase process efficiency and maintain product quality.
- Assisted with design and implementation of new process equipment and performed startup testing during integration.

TOYOTA   Erlanger, KY

Environmental Engineering CO-OP | January 2009 – December 2009
- Designed waste management training program for employees.
- Wrote company procedures for proper waste methods and control.

EDUCATION

Full-Stack Web Development Certificate | UC Davis, Davis, CA
B.S. Chemical Engineering | University of Kentucky, Lexington, KY