

Anusha Tuladhar

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Skills

JS, React, Redux, Ruby, Ruby on Rails, Git, PostgreSQL, jQuery, SQL, Webpack, Mongoose, Node.js, MongoDB, Java, Slang

Projects

AtSeedWorld (JavaScript, React / Redux, Ruby / Rails, HTML, CSS, PostgreSQL, Amazon S3) [Github](#)

Description

- Utilized JSON JBuilder to pass data to the front end by incorporating ajax to make API calls over HTTP requests.
- Employed React Hook to filter the data and fetch specific seed based on user's search bar input
- Utilized mapStateToProps to pass appropriate slices of the redux store to components to avoid additional AJAX queries.
- Effectively used JavaScript to stop users from accessing certain forms/functionality while not logged in, and switch forms conditionally.

GardenCalendar (JavaScript, Vanilla DOM, HTML5, CSS, Chart.js) [Live Site](#) | [Github](#)

Description

- Applied Chart.js to create graphs to indicate when and how to grow specific seeds and plants.
- Fetched data via Vanilla DOM to filter out the planting guidance based on the user's request.
- Implemented the modal that shows specific instructions for each plant solely with CSS and HTML.

GlobalCuisine (JavaScript, MongoDB, Amazon S3, HTML5, CSS) [Live Site](#) | [Github](#)

Description

- Created, stored, and utilized a database from MongoDB to pass information to the frontend.
- Implemented picture uploading function via Amazon S3, and Multer.
- Employed Amazon S3 to generate the image URL to directly seed the data via postman and MongoDB.
- Used BCrypt's hashing algorithm for passwords to ensure that the user's password is secure.

Experience

Goldman Sachs, New York, NY

Software Engineer, Analyst Feb 2023 - current

- Improved the quality and performance of legacy code which helped the process complete considerably faster.
- Performed Regression tests for every single possible edge case and successfully pushed code change to production.
- **Dynamically loaded groups with hundreds of books (collection of positions) onto the feeds.**
- Stepped in to improve and complete Supervisor's project in his absence and wrote rigorous tests to support the logic.
- Rigorously collected all the process/jobs that depends on a specific database in order to obsolete its use.
- Successfully used puTTY and Linux to migrate processes to different Hosts or add new processes to the system.
- **Migrated jobs to RHEL7 in order to demise the use of RHEL6.**
- Helped clients easily access essential data by adding specific columns onto Data Lake and DESK mapping in Alloy.

Pacific Architects and Engineers /DHS, San Francisco, CA

Biological Scientist/QA lead Feb 2016 - July 2021 **Molecular Biologist** Aug 2014 - Jan 2016

- Performed internal audit every year to prepare the lab for DHS external audit which led to increasing the laboratory audit scores by 30%.
- Created a QA form that helped keep track of all the upcoming due dates which ensured that the laboratory never missed any deadlines.

Zyomyx, Fremont, CA

Research Associate Sep 2013 - July 2014

- Rapidly learned to perform experiments and QC and QA techniques to ensure on-time delivery of products during staff shortage.
- Promptly learned OQ/PQ/IQ validation techniques to verify that the laboratory equipment will consistently manufacture products.

Life Technologies/Kelly Service, Pleasanton, CA

Sr. Manufacturing Associate Jan 2012 - July 2013

- Trained 20 new employees in record time to effectively meet the high production demand of oligonucleotides.
- Implemented 5S techniques to make the work environment safer which significantly reduced the number of work-related accidents.

Education

App Academy Software Engineering 2021

University of California, Davis B.S Biological Science Aug 2008 - Dec 2012