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
- 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
- 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
- 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   Feb 2023 - Oct 2024
- Acquired proficiency in a new programming language rapidly.
- Implemented rigorous regression testing to ensure the detection of any unforeseen edge cases.
- Enhanced legacy code, resulting in significantly faster process completion.
- Developed and optimized systems for dynamically loading large-scale book collections (positions) onto feeds.
- Proactively took over Supervisor's project, ensuring its completion and quality through rigorous testing.
- Conducted a comprehensive analysis to pinpoint all dependencies on a targeted database, paving the way for its decommissioning.
- Streamlined system operations by effectively utilizing PuTTY and Linux for process migration and deployment.
- Successfully executed a migration of processes from RHEL6 to RHEL7 to streamline operations.
- Enhanced data efficiency by optimizing the Data Lake and DESK mapping in Alloy to meet client needs.
- Successfully modernized a legacy UI by migrating to Bolt Web UI, creating a faster and more intuitive platform.
- Effectively developed a product that exceeded client expectations and garnered praise from Managing Directors.
- Optimized resource allocation and lowered costs by successfully relocating processes from the DC host.
- Enhanced system performance by implementing a memory management strategy that prevents unnecessary resource consumption.
- Offered comprehensive technical support to address client inquiries, troubleshoot problems, and resolve issues promptly.
- Ensure that trades match and flows down stream in timely manner to avoid delay in processing time

Pacific Architects and Engineers /DHS, San Francisco, CA
Biological Scientist/QA lead Feb 2016 - July 2021 **Molecular Biologist** Aug 2014 - Jan 2016
- Performed audit every year to prepare the lab for DHS external audit which led to increasing the laboratory audit scores by 30%.
- Ensured employees were trained and capable of performing all tasks according to DHS standards.
- Troubleshot and isolated the code responsible for the UI error and provided a fix accordingly.

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 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.

Education

App Academy Software Engineering 2021

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