John Lingenfelser
Software Engineer
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Richmond, VA

SKILLS

- JavaScript
- TypeScript
- React
- Node
- Express
- Jest
- C#/Java
- Python
- Amazon Web Services
- MySQL
- MongoDB
- Prisma
- CSS
- SCSS
- Remix
- Agile Software Development
- Technical Writing
- Tailwind CSS

PROFESSIONAL EXPERIENCE

Software Engineer Virginia Tech | Apr 2020 - Present

- Worked within an Agile software development framework on a team to produce and re-architect multi-page user-facing web applications.
- Utilized tools such as React, NodeJS, Express, Jest, Tailwind CSS, Material UI, React Admin and AWS services such as Lambda, S3, Data tables
- Structured internal systems including order entry/management tools, revenue reporting, and production workflow tracking
- Implemented virtualized development environments using Docker and Kubernetes

Software Developer CCWW | Sept 2018 - Nov 2019

- Wrote digital applications to maintain relevant databases and aid in data collection for lab and business

- Additional software written in Python to automatically create necessary 3rd Party and Government forms

Programming Instructor Internal Drive | June 2015 - Aug 2017

- Instructed students in the fundamentals of computer programming as well as code structuring and problem solving skills

DSI Technical Support Virginia Tech | Nov 2019 - Apr 2020

- Provided technical support to more than 900 faculty and staff within the Division of Student Affairs
- Assisted in all IT tasks related to deployment of new inventory, hardware, and software
- Analyzed, diagnosed, and resolved bugs using approved procedures
- Collaborated with software developers, operations staff, supervisors, and clients
- Updated tickets and coordinated necessary workflows

Researcher NASA DEVELOP | Jun 2013 - Aug 2014

- Performed geospatial research through the NASA DEVELOP branch at Langley Air-Force Base
- Tasked with team-based problem solving related to climate change and satellite monitoring using GIS tools
- Wrote Python scripts for migrating satellite data to rasterized GIS maps
- Managed external client interactions as a representative for NASA DEVELOP
- Published papers including "Deriving Solar Energy production Suitability for the Mid-Atlantic Region" and "Strains on the Plains: A World Without Water"

EDUCATION Virginia Polytechnic Institute and State University Computer Science | 2014-2018

PROFESSIONAL RESOURCES

github.com/john1996
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