Silas Lowe

Full Stack Software Developer

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MY STORY

Analytical thinking, algorithmic problem solving, and abstract reasoning have been integral parts of every professional and personal pursuit that I've been passionate about. I find coding to be intrinsically motivating because it allows me to apply these values in a professional context.

TECHNOLOGIES

- Python and Django
- React Hooks
- ES6+
- HTML, CSS
- Git and GitHub
- Grommet UI
- React-Bootstrap

EXPERIENCE

Nashville Software School, Nashville, TN - *Junior Web Developer*

September 2020 - PRESENT

Six-month full-time intensive software development boot camp focusing on javascript and React for front-end and Python and Django for server-side.

- Single page application development with an emphasis on ES6+ and modular design
- Version control using Git and Github
- Design planning with entity diagrams, wireframing, and dependency diagrams
- State management and rendering with React
- Database-driven design using Python and Django

Nashville Metro Schools, Austin Independent Schools - *Early Childhood Teacher*

August 2013 - September 2020

- Academic Lead on Prek-Special Education Team
- Provide individualized and differentiated educational interventions
- Implement individualized goals
- Facilitate Meetings and presentations
- Manage communication with all stakeholders, including students, parents, and state and federal regulators

Projects

Read Aloud is a single-page full CRUD application built with a React front-end and Python with Django back-end that allows early-childhood educators to design and store guides for reading aloud. In addition, Read Aloud uses React-Bootstrap and Open Library's book API for an optimal user experience.

Demo

GitHub

SLOWE is a single-page running race application that dynamically creates a training regime of increasing difficulty to prepare an athlete to meet their competitive goals. Leveraging React hooks and Grommet UI, SLOWE affords the user a clean, customizable experience, intuitive data tracking, and a clear representation of progress metrics.

Demo

GitHub

Band Leader – Austin, TX

June 2009 – September 2013

- Prepared taxes and payroll
- Booked national tours
- Composed content
- Managed personnel
- Directed media presence

EDUCATION

Nashville Software School, Nashville, TN

September 2020 – March 2021

University of Massachusetts, Amherst — *Social Thought and Political Economy*

September 2001 - June 2005