

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 personal values in a creative and professional context.

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
- Collect and analyze data using GOLD® Early Childhood Assessment tool
- Provide individualized and differentiated educational interventions
- Implement individualized goals
- Facilitate Meetings and presentations
- Manage communication with all stakeholders, including

TECHNOLOGIES

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

Projects

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

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.

EDUCATION

Nashville Software School, Nashville, TN

September 2020 – March 2021

students, parents, and state and federal regulators

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

September 2001 - June 2005

Band Leader - Austin, TX

June 2009 - September 2013

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

