

ANGELA MCBYRD, Fullstack Developer

(630) 728-0686 | mcbyrda@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

SUMMARY

I am a Fullstack Developer who is proficient in HTML, CSS, and JavaScript. I have seven years of experience creating and teaching curriculum for math and science at the middle and high school levels, which helps me logically and creatively solve problems. I have an interest in crafting educational technology for educators, which ensures that my web applications are efficient for teachers, beneficial for students, and user-friendly.

TECHNICAL SKILLS

Front-End Skills: JavaScript, HTML, CSS, Bootstrap, React with hooks and functional components

Back-End Skills: Node, Express, RESTful APIs, PostgreSQL, Knex

Additional Tools: GitHub, Visual Studio Code, NPM, Agile Methodology, Testing, Mocha, Chai, Postman, Vercel

PROJECTS

Flashcard Application | [Project Link](#)

- Developed an app that allows a user to create, edit, and study a deck of flashcards
- Application allows a user to study individual decks and makes use of full CRUD operations on the cards and decks
- Tech Used: React.js w/ hooks, state management, React Router, RESTful API

Pomodoro Timer | [Project Link](#)

- Developed a Pomodoro timer app with intervals tailored to the user's needs
- Application allows the user to change the intervals and plays an "alert" when user has reached the end of a session
- Tech Used: React.js w/ hooks and state management

RELEVANT EXPERIENCE

HIGH SCHOOL STATISTICS TEACHER

Chicago, IL

Mansueto High School, Noble Charter Network

August 2019 – Current

- Design and plan lessons that establish a link between statistics and social justice issues and require students to think critically, analytically, and worldly
- Provide differentiated instruction and modified lessons to strengthen the learning process
- Implements culturally relevant lessons that adhere to the AP Statistics Exam

HIGH SCHOOL GEOMETRY TEACHER

Amherst, VA

Amherst County High School, ACPS

August 2017 – June 2019

- Created effective culturally relevant and real world based mathematical curriculum for high school students
- Increased student engagement through use of a flexible classroom and management skills
- Assessed and tracked student learning and growth throughout the year through data analysis software

EDUCATION

Certificate, Software Engineering | *Thinkful*

September 2021

- Built interactive, React applications that integrate with APIs and implements client-side routing

MEd, Mathematics Curriculum and Instruction | *Concordia University - Portland*

December 2016

- Created and implemented a culturally responsive mathematics curriculum

B.S, Mathematics | *Oglethorpe University*

May 2012

- Research project: Neural Networks in Stock Market Predictions
- Research project: Handwriting Identification via Wavelet Decomposition