Jake **Blackburn**

SOFTWARE DEVELOPER · FRONTEND DESIGN

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About Me

My experience in programming began in a high school electronics class where I became fascinated with these incredibly useful and complex machines we call computers. This drove me to learn python on my own and since then I've been immersed in the world of computer science. In college I began to learn web development on the side. As I got deeper and deeper into web development, I realized I was capable of getting job as a self taught engineer. This motivated me to take it seriously and devote most of my free time to learning as much as I could, building projects utilizing various technologies, and becoming a more efficient and thoughtful programmer overall. I'm looking to apply what I've learned to a job where I can learn more, talk with talented developers, and write some useful code!

Skills

DevOps	AWS, Docker, Git, Github
Back-end	Express, MongoDB, REST API, NoSQL, Axios, Stripe
Front-end	HTML5, CSS, React, Angular, Vue.js
Programming	Node.js, Python, javascript, typescript
other	SEO

Experience

ARTISTS E-COMMERCE

- https://artists-ecommerce.herokuapp.com
- built with Vue.js, HTML, CSS, Vuex, Express, MongoDB Atlas, Stripe
- A mock e-commerce app where you can "buy" artworks from famous artists such as Da Vinci and Van Gogh. Some paintings are up for auction, and users can place bids. Fixed price paintings can be "bought" with stripe in test mode. The site retrieves data of the artists and and artworks from an API served with express, and hosted on MongoDB Atlas.

PORTFOLIO WEBSITE

- https://jake-blackburn-portfolio.herokuapp.com
- built with Vue.js, HTML, CSS, three.js, Express, MongoDB Atlas
- showcases all my projects, updated frequently

RESTAURANT WEBSITES

- Created 3 simple, stylish, and responsive demo restaurant websites for local businesses in my hometown, viewable through my portfolio website
- Utilizes React, Angular, and Vue.js.
- Blue Sky Bakery - https://blue-sky-demo.herokuapp.com
- Napa Thai - https://napa-thai-demo.herokuapp.com
- Pure Eats - https://pure-eats-demo.herokuapp.com

Education

Rockbridge County High School   *Lexington, VA*

ADVANCED DIPLOMA   *Graduated 2021*

- Classes: Electronics (3yrs), Computer Electronics, AP Computer Science in Python

College of Willam and Mary   *Williamsburg, VA*

B.S. IN COMPUTER SCIENCE   *Expected Graduation: May 2025*

- Classes: Data analysis in python, Data structures and algorithms
- Gained experience working with a team to creatively solve problems with code
- Learned about big O notation, got some practice with common algorithms, and came to better appreciate how clean, efficient algorithms are designed.