

Brandon Moyer

brandon-moyer.github.io | brandon.m.moyer@gmail.com | (256) 565-3398

Adaptable software engineer with experience in building scalable, user-centric web applications using React, MongoDB and other modern technologies. Highly experienced in building quality products for a diverse client base with varying technical backgrounds. Excels in creating cross-functional relationships to develop solutions more effectively and efficiently, driving innovation and faster product delivery.

Skills

MongoDB	Firebase	Express JS APIs
React	Git	Matlab
JavaScript, HTML, CSS	Python	Netlify

Developer Experience

Technical Projects

Present

- Deployed a live responsive portfolio showcasing personal projects, resume, and contact information
- Created a web application using React, MongoDB Atlas, and Firebase, allowing users to post content
 - Built MongoDB Realm backend functions for efficient handling of CRUD operations
 - Utilized an aggregation pipeline to query, combine, and sort data across collections
- Developed a React application with Firebase authentication and user identity management
 - Implemented context and state management for seamless access to current user data throughout the application
 - Set up private routes to exclusively direct authenticated users to their data
- Built an Express JS web scraping API, delivering pertinent information to users with key-based authentication
- Created web games using JavaScript, HTML, and CSS for players to access on my portfolio

International Paper

Software Engineer

Aug 2022 - Present

- Managed the SDLC for microservices within a distributed system, streamlining complex industrial automation processes
- Built highly intuitive data visualization tools for complex algorithms, increasing customer comprehension and efficiency
- Directed a \$5 million infrastructure overhaul migrating from coaxial to ethernet, leading to enhanced network reliability
- Maintained effective and diverse client relationships, ensuring the delivery of quality products for various user needs
- Developed and implemented algorithms to streamline and automate processes, increasing runtime by over 18%
- Investigated edge case conditions by debugging legacy code, reducing production downtime
- Automated critical process to enhance system reliability, achieving over \$2.7 million in annual savings

Additional Experience

International Paper

Lead Process Engineer

Jan 2022 - Aug 2022

- Led a team of 20 members successfully by maintaining KPI standards and maximizing production
- Increased production 27% by instilling confidence and building rapport with team members

Process Engineer

Jan 2021 - Jan 2022

- Led advanced analytics software installation, decreasing variability and improving digital visibility
- Mentored entry-level engineers in company values and technical processes

Education

Bachelor of Science in Chemical Engineering, Minor in Biology
The University of Alabama, Tuscaloosa, AL