



Nicole Bush

LEAD SOFTWARE ENGINEER

ABOUT ME

Dynamic and innovative Software Engineer with over 5 years of experience in full stack solutions with an emphasis on frontend development. Known for a strong product intuition, dedication to writing clean, scalable code, and enhancing user experiences that resonate deeply with end users. Proven expertise in managing complex codebases, leading feature development, and communicating technical information effectively across organizations. Passionate about continuous learning, improving application performance, and delivering consistent UI/UX through reusable component libraries and robust testing strategies.

PERSONAL DETAILS

- Rome, Italy
- nicole.bush000@gmail.com
- 810-986-9923
- in/nicole-bush/

EXPERIENCE

Booz Allen Hamilton

SENIOR SOFTWARE ENGINEER

August 2022 - Present

- React/TypeScript application for use on military bases around the world.
- Created API endpoints to communicate with PostgreSQL database.
- Built complex processors as part of business rules engine which calculated staffing allowance.
- Managing complex state objects through React state machines and Context API.
- Built and implemented Material UI theme library which is used across the entire front end code base, allowing for UI styling to be more consistently displayed and easily implemented.
- Focus on resusability and scalability as well as adherence to design and UX wireframes.
- Writing and maintaining unit tests with Jest and React testing library to ensure code integrity and coverage, bringing test suite coverage from 50% up to 75%.
- Implemented multiple package dependencies including code formatters, component libraries, and form (react hook form) and validation schema (zod) libraries to improve styling and performance of the application.

Autobooks

SOFTWARE ENGINEER

August 2020 - June 2022

- Contributed to large, enterprise React/TypeScript application for Fintech startup.
- Integrated payment solutions into online banking platforms and developed modular invoicing and payment features.
- Used Material UI to enhance theme library and unify common components across a large application.
- Designed and implemented GraphQL schemas with TypeScript for API communication.
- Refactored over 120 React class components to improve maintainability and performance.
- Enhanced test suite of Selenium Protractor end-to-end automation tests from 20 to over 80 tests.

Benzinga

FRONT END ENGINEER - PERFORMANCE MARKETING

March 2020 - July 2020

- Developed front-end content blocks for a WordPress site supporting a fintech SaaS startup
- Designed and wireframed content blocks using Figma for financial and educational sites
- Built WordPress blocks using Laravel/PHP and Advanced Custom Fields plugin
- Conducted manual QA testing to identify and fix functionality and UX issues

EDUCATION

Grand Circus

FRONT END CODING BOOTCAMP

Jan 2020 - March 2020

Eastern Michigan University

BACHELOR OF SCIENCE IN PSYCHOLOGY AND BIOLOGY

Completed April 2016

SKILLS

React	Node.js	JavaScript
TypeScript	APIs (back and front end)	Typeorm
PostgreSQL	React testing library	Material UI
Agile/Scrum	Technical Documentation	Jira/Confluence
Git	Jest	Azure DevOps
Docker	Zod form validation	Figma
CSS	HTML	Elasticsearch