Tyson Mills

(706) 380-0637 | tmillsdev@gmail.com | [Git](#) | [LinkedIn](#) | [Blog](#)

FULL STACK WEB DEVELOPER

Methodical Full Stack Developer with a strong understanding of React, web frameworks, web APIs, and other front-end technologies such as HTML5, CSS, and JavaScript. Problem solver with comprehension of OOP programming and Agile development. Background as a career fire officer and medic, with solid collaboration, and problem-solving skills, a diligent self-starter, and exemplary verbal communication skills. Committed to continual learning of software engineering with a passion for staying versed with current technology and creative with new opportunities. Practical analytical skills, time management, and attention to detail while remaining calm under pressure and meeting deadlines with positivity.

TECHNICAL SKILLS

JavaScript (ES6), React, Ruby, Rails, PostgreSQL, MySQL, HTML5, CSS, Git and version control, RESTful API, Agile certified, OOP, MVC, Relational Databases, ORM, Web Application design, Redux, Context API

TECHNICAL PROJECTS

MississippiBrewHouse, [Git](#) | [Video Demo](#)
Brewery search resource and tracker equipped with listings and tools for commenting on visited breweries
- Modeled custom database schema and REST API with Active Record, PostgreSQL, and Ruby on Rails.
- Leveraged BCrypt gem to encrypt identifying account information during user login authentication.
- Harnessed user inputs to log in, update user's profiles, and leave comments while implementing complete CRUD actions.

ParkIt, [Git](#) | [Video Demo](#)
Searchable National Parks SPA for outdoor enthusiasts
- Administered MVC framework with Ruby on Rails back-end and a React, HTML5, and CSS front-end.
- Delivered user authentication to add visited park tracking.
- Employed Rest-Client gem with back-end fetch calls for API key security and simplicity

PROFESSIONAL EXPERIENCE

Athens-Clarke County Fire and Emergency Services Athens, GA
Corporal/AEMT March 2018 - November 2021
- Increased company value by preparing colleagues for exams to prevent re-enrollment in the 2-year training program. Provided shadowing opportunities, presented scenarios, and explained practice tests, ultimately yielding passing scores.
- Demonstrated client management by regularly diffusing complex situations with fearful or unruly patients. Communicated instructions to assure patient safety and achieve compliance with the next steps of emergency response or treatment plans.
- Collaborated with fellow county-wide committee members to overhaul the mission statement and core values structure by interviewing and collecting data from local stakeholders and identifying inefficiencies with business requirements

City of Forest Park Fire and Emergency Services Forest Park, GA
Sergeant/AEMT September 2009 - March 2018
- Exhibited excellent interpersonal skills by directing a team of 5-7 crew members. Strategized response to emergencies and delegated daily tasks to ensure peak operational performance, earning numerous accolades.
- Gathered data, analyzed and wrote detailed post-run reports, meeting elevated criteria and accuracy for court subpoenas with minimal supervision and the ability to work independently
- Increased productivity in training new hires into efficient employees by creating materials for and instructing recruit classes, mentoring at the station level per policies, and providing support

EDUCATION

Flatiron School Online-Flex
Full Stack Web Development, Ruby on Rails and JavaScript September 2022

University of Georgia Major GPA: 3.52/4.00 - Overall GPA: 3.58/4.00 Athens, GA
Bachelor of Business Administration December 2019