SERA L. DE LA ROSA

FULL STACK WEB DEVELOPER | SOFTWARE ENGINEER

404-862-1307 | sera.delarosa@outlook.com

SKILLS

- IT Project Management
- Full Stack web development
- Software development
- React, React Native
- Test-driven development, Jest
- Progressive web applications
- User interface design
- Information technology training
- Hardware and software optimization
- HTML 5, CSS, Bootstrap
- JS, jQuery
- Node.js, Express.js
- Moustache.js, Handlebars.js, Moment.js
- Webpack, Expo, Metro, Android Studio
- Object-relational mapping (ORM)
- Model-view-controller (MVC)
- Progressive Web Applications (PWAs)
- Powershell, Terminal, Bash
- Data persistence, local storage
- APIs
- MySQL, noSQL
- Git, GitLab, GitHub
- Artificial Intelligence (AI)
- Computer building
- Intel HAXM, Virtualization Tech.
- Android Virtual Devices (AVDs)

EXPERIENCE

Software Developer I
Brain Rain Solutions | Atlanta, GA

2024 - present

- React Native application development.
- Environment setup using JDK-21, variable pathing and execution policy bypassing.
- Environment building using Expo, Metro, Yarn, Chocolatey, Gradle, HAXM, Android Studio Koala.
- Mixpanel data tracking architecture integration and routing setup.
- Component generation and design.
- QA application testing.

Production Assistant
CNN | Atlanta, GA

2019 - present

- Editing and distributing news video to CNN affiliates using Premiere Pro.
- CNN AI manual testing and shadowing testing automation.
- CNN internal application library UI development, maintenance, debugging.
- CNN Atlanta video library cloud consolidation and back-end development shadowing.
- CNN Tech Training VDI transition assistance and training, Premiere 2020 implementation guidance and editing workflow transition support.
- Remote Workforce Technology Team Lead. Identified and determined strategy to address hybrid workflow technological needs across east coast CNN bureaus.
- Production team pioneer remote workflow tester.
- Avid Mediacentral web-based iNews application testing.

EDUCATION

Full Stack Flex Web Development Certification
Georgia Institute of Technology, 2022

Projects:

- Dungeons & Devs v.2
  - A pixel-style mobile game inspired by Dungeons & Dragons but with a developer twist. The player can battle and defeat bosses by using code snippets to alter the enemy's CSS.
  - This React application uses an MVC architecture and seeding methods.

- NoSQL Social Network API
  - An API for a social networking application where users can share their thoughts, react to friends' thoughts and create a friends list.
  - This API uses Express.js for routing, a MongoDB database, Mongoose ODM and the native JS Date object to format timestamps.
- Object-relational mapping (ORM) E-Commerce back-end
  - This CLI application manages an internet retail company's database to easily view catagories, products and tags, create new ones and delete them.
  - This back-end uses an Express.js API and Sequelize to interact with a MySQL database.
- Object-oriented Programming Team Profile Generator
  - This Node.js CLI application takes in employee information and generates an HTML webpage that displays summaries for each person and uses Jest for testing.
- Day Planner using third-party APIs
  - A simple planner to schedule your day by filling in tasks into hour time blocks. The date listed at the top will always be correct. The save button will save your input. even on page refresh. Hour blocks are color coded based on the current time.
- Web API Code Quiz
  - This spooky quiz tests your coding knowledge by displaying one question at a time. Points are tallied and your score is shown at the end. Enter your initials to be added to the high score board along with your score. Scores and initials are recalled from local storage. Reach the end of the timer and the quiz ends.
- JavaScript Password Generator
  - Generates a random number which is used to select characters in dataset strings. Each dataset is only included if the user confirms the criteria The new randomized password is then returned to the textbox.

Bachelor of Science (B.S.), Journalism, International Studies

Texas State University, 2017

Notable areas of study:

- Computer Literacy & the Internet
- Coding and Data Skills
- Web Design and Publication
- Digital and Online Media
- Digital Studio
- 2-D Design

Workshops:

- QA Engineering
- Generative AI Basics
- Beginner's Data Analytics
- Software Engineering
- Python Basics
- JavaScript Basics

REFERENCES

References available upon request