Tony Lockhart

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Portfolio: https://tlockhart.github.io/portfolio/

Full Stack Web Developer with business transformation services experience. B.S. in Computer Science, M.S. in Digital Media, and Full Stack Web Development Certificate. Strengths include object-oriented design, Java, JavaScript, and the MERN (MongoDB, Express, React, Node.js) stack.

Technical Skills: AWS, Docker, Java, JavaScript, jQuery, Typescript, Ruby, RSpec, QUnit, CSS3, HTML5, Bootstrap 4, Media Queries, APIs, JSON, REST, AJAX, Node.Js, Express, React.Js, Ember, Groovy, PowerShell, Firebase, MongoDB, SQLite, MySQL, DB2, Git, GitHub, command line, User Experience Testing, Desire2Learn (D2L), Graphic Design, Adobe Creative Suite.

APPLICATIONS BUILT

Async-Await-SQLite NPM Package:
- A promise-based SQLite wrapper that enables synchronous database interaction.
- Author
- SQLite, Node.Js
- Source: https://www.npmjs.com/package/aa-sqlite

Parts 2 Purpose
- Inventory management platform that allows nonprofits to manage and track donations.
- Back-end Developer
- MDB React, HTML5, CSS3, JavaScript, MongoDB, Express, React, Node.Js
- Demo: https://shielded-refuge-22847.herokuapp.com/
- Source: https://github.com/tlockhart/parts-2-purpose

RELEVANT EXPERIENCE

High Tide Technologies, Atlanta, GA
Junior Full Stack Developer, 2019 - present
- Developed graphical representation of monitored devices for Dashboard Display.
- Created forms to perform CRUD operations on new/existing dashboard elements.
- Created input forms, to set event triggers for monitored installations.
- Created dashboard element forms/reports, to request device readings, by time period.
- Enhanced JSON Web Token (JWT) authentication, with forced password reset.
- Refactored application controller to validate and respond to SMS commands.
- Performed Unit Testing and Acceptance testing in RSpec and Qunit.
- Converted legacy code to Ember 3.24, TypeScript, and ES6 standards.
- Development and testing in docker NodeJS frontend and Ruby backend containers, with Amazon DynamoDB and MySql RDS.

ADDITIONAL WORK EXPERIENCE

General Dynamics, Atlanta, GA
Systems Engineer, 2011 - 2019
- Developed Alert Logic/BitDefender batch installation scripts for WTCHP environments.
- Developed PowerShell installation and report generation scripts for DISA Security Technical Implementation Guides (STIGs) security compliance check.
- Developed Java programs to generate Microsoft (MS) Active Directory security reports.
- Created Groovy data validation scripts for claims payment processing.
- Setup SFTP file transfer between Clinical Centers of Excellence (CCEs), via IBM Connect: Direct and batch scripts.
- Setup CCE MS Active Directory accounts and provided technical support for file transfer.

Georgia Gwinnett College, Lawrenceville, GA
Digital Media Professor, 2012 - 2014
- Digital Media (ITEC2110): Provided classroom instruction in graphic design, audio/video editing, and 2D and 3D animation.
- Introduction to Computing (ITEC1001): Provided classroom instruction on computer evolution, ethics, security, networking, hardware and software design.

Georgia Institute of Technology, Atlanta, GA
Graduate Research Assistant, 2009 - 2011
- Provided 3D models, application integration, revision control, and user testing for the Interactive Toolkit for Engineering Learning's (InTEL) online practice environment.
- Developed design templates, wireframes, and mockups to provide website consistency.

IBM Sales and Distribution, Atlanta, GA
Senior Systems Analyst, 2000 - 2009
- Created JavaServer Pages (JSP) and JavaBeans for data transformation, image processing, data access, and error handling for the NextEdge sales reporting tool.
- Increased customer satisfaction by providing DB2 database cataloguing scripts.
- Performed application integration testing and deployment of Hyperion/Brio reports.

EDUCATION

Georgia Institute of Technology, Atlanta, GA
Georgia Tech Coding Bootcamp - JavaScript Full Stack Web Development Certificate
An intensive 24-week long boot camp dedicated to designing and building web applications. Skills learned consisted of HTML5, CSS3, JavaScript, jQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handlebars Js, & React Js.

Georgia Institute of Technology, Atlanta, GA
Masters of Science Digital Media
Graduate level program offering advanced study in digital media as an expressive medium. The program provides research opportunities in the areas of Art and Technology, Civic Media, Education, and Entertainment.

Alabama A&M University, Normal, AL
Bachelor of Science Computer Science