

Thomas Lewis

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Application Developer | Systems Engineer | Programmer Analyst | UX Development

Skills and Abilities

- Full Stack Web Development
- Agile/Scrum Teams
- Testing Automation: scripted testing, bitwise validation, reporting
- Graphic Design
- Design and testing program installation
- Database Administration
- Effective prioritization and organization skills
- Attention to detail
- Ability to work independently and a self-starter
- Ability to manage multiple projects simultaneously

Experience Circle Graphics Inc. | Raleigh NC 1/2020 to 2/2022

Producer of wall decor, art reproduction, and the professional photography

- Developed new features and improvement to various C# back-end solutions
- Developed code for AWS Lambda including documenting the different ways to deploy and manage the solution
- Manual QA Tested front end web site
- IDE: Visual Studio C#, Amazon AWS, SQL Server

Consultant | Vishay Precision Group | Wendell NC 6/2017 to 3/2019

Leading supplier of strain gages for stress analysis and precision transducers

- Developed a solution that gathered data from legacy data sources. The original data consisted of flat files type data from excel, MySQL, and PHP arrays
- Cleaned and homogenized data to create a single database collection in MongoDB complete with nested arrays and lookup tables
- IDE: Visual Studio using PHP/.net, Studio 3T

QA Automation/Testing Engineer/Application Developer | Aprimo (formerly part of Teradata Corporation) | 12/2014 to 09/2016 | Raleigh, NC

Software for marketing, spend management, workflow and project management

- Developed, automated, and executed tests of web-based application
- Developed features in core product based on existing customizations
- Integrated tests into Continuous Integration and Deployment (CICD) pipeline (Git Flow)
- Logged/tracked and resolved issues, documented bug fixes and tests
- Worked with colleagues (onsite and remote) to solve technical issues
- Tracked all work in Jira using Agile methodologies.

Languages	C#, JavaScript, Pascal (Delphi), Python, PHP, SQL, HTML/CSS, XML, JSON, PowerShell
Databases	MongoDB, Couchbase, Firebase, MySQL, Microsoft SQL Server, Borland Database Engine (BDE)
Tools	React, Express, MERN stack, NodeJS, jQuery, Cheerio, Sequelize, Jira, Git, GitHub, Heroku, Studio 3T (MongoDB) Microsoft Office Suite, Visio, InstallShield, Gimp, Paint Shop Pro
Education	UNC at Chapel Hill Full Stack Web Development Bootcamp 2019-10 - An intense and fully immersive coding bootcamp for full stack web development. Areas covered include HTML/CSS, JavaScript/jQuery, Node, Express, React, MySQL, Firebase, MongoDB, Cheerio Sequel X Professional Certificate Programs 2017-07 - JS.0x: JavaScript Introduction 2017-12 - Microsoft -DEV274x: Introduction to Python: Fundamentals Aprimo Software Certification Boot Camps 2014-12 - Aprimo Marketing Operations 2015-07 - Aprimo Campaign Construx Training 2009 Code Complete Essentials 2012-01 Design Patterns in Depth Miami Springs Senior High School, Miami Springs, FL