

# Lewis Culbert

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## PROFESSIONAL SUMMARY

Full Stack Web Developer leveraging a background in mechanical diagnostic work. Skilled problem solver with a strong understanding of backend functionality using the latest technologies. Recently received a Certificate in Web Development from University of Texas. Comfortable collaborating in team-based efforts as well as developing individually.

## EDUCATION

### **Full Stack Web Development Certificate - University of Texas ; Austin, TX | 2021**

*A 24-week intensive boot camp program focused on gaining technical programming and market-driven skills*

### **HS Diploma – Cypress Creek High School; Houston, TX | 2010**

## TECHNICAL SKILLS

### **Programming Languages: Frameworks & Standards:**

*JavaScript(1 year), Java(2 years), Python(1 year)  
REST, HTTP, HTML, CSS, React, Express.js, Node.js,  
MySQL, MongoDB, Handlebars, API's, PWA's, Agile,  
AJAX, ES6, jQuery, Bootsrap, Mongoose, Sequelize*

### **Operating Systems: Software & Utilities:**

*Linux, Mac OS, Windows  
Git/Git Bash, Visual Studio, Microsoft Office, Maximo*

## RELEVANT EXPERIENCE | PROJECTS

### **Group E-commerce site Music-Line | Full Stack Developer**

**Deployed Link:** [bit.ly/33fvUQ4](https://bit.ly/33fvUQ4) | **Github Link:** [bit.ly/3eiEMuQ](https://bit.ly/3eiEMuQ)

E-commerce site for buying instruments with user functionality and shopping cart built from scratch.

**Role:** Created and function tested routes for Express server-side API's. Assisted with creating database structure for smooth operation with backend routes. Built functionality of Shopping cart using Express.js and authenticating users. Assisted front-end team with backend functionality on pages, error solving.

**Utilized:** HTML, Sequelize, MySQL, CSS, JSON, Express, Handlebars, Authentication, and Server-side APIs.

### **Group React App Wedding-Spot | Full Stack Developer**

**Deployed Link:** [bit.ly/2RiX4CZ](https://bit.ly/2RiX4CZ) | **Github Link:** [bit.ly/2RmIY3F](https://bit.ly/2RmIY3F)

Wedding Spot is a wedding planning site that lets users keep track of details involving their wedding.

**Role:** Developed entire backend, built models for database structure, coded typedefs and resolvers for graphql, assisted front end with backend calls. Resolved errors with functionality and set up initial structure of react app.

**Utilized:** React, Node.js, graphql, MongoDB, HTML, PWA, CSS, Authentication, and Server-side API's.

### **The Tech Blog | Full Stack Developer**

**Deployed Link:** [bit.ly/3xLIx3C](https://bit.ly/3xLIx3C) | **Github Link:** [bit.ly/3ti3hfN](https://bit.ly/3ti3hfN)

The Tech Blog is a proof-of-concept blog website using Express.js backend and Sequelize.

**Role:** Self-built project with User functionality and comments on others posts similar to a social media website. Uses MySQL and sequelize to deliver database information on posts/comments/users.

**Utilized:** Express.js, Sequelize, MySQL, HTML, CSS, Bootstrap, Authentication, and Server-side API's.

### **Weather-Dashboard | Full Stack Developer**

**Deployed Link:** [bit.ly/33aR81E](https://bit.ly/33aR81E) | **Github Link:** [bit.ly/3eiHali](https://bit.ly/3eiHali)

A weather app that will give you the current weather conditions for a specific city.

**Role:** Self built website, that uses public weather API to get weather information about any city you search. Stores previously searched city's in local storage so users can get quick access to their frequently searched city's.

**Utilized:** HTML, CSS, Javascript, Public API's, and Bootstrap.

## **WORK EXPERIENCE**

### **City of Austin**

**Mar 2020 – December 2020**

#### **Water Meter Technician**

Inspect and repair utility infrastructure. Communicate with Dispatch to inform them of any needs outside of scope. Communicate clearly and professionally with customers in order to resolve any issues. Maintain correct paper work detailing work and any consumable parts used for repair.

- Performed 100's of lead-inspections for customer service lines to future proof utility.

### **City of Austin**

**Apr 2019 – Mar 2020**

#### **Equipment General Technician**

Perform maintenance on equipment located at Waller Creek Tunnel facilities. Operate facility during emergency storm events. Understand PLC functionality for repairs during emergency events. Implement changes to existing SOP's for improved efficiency of operations.

### **Epic Fun**

**Apr 2018 – Apr 2019**

#### **Lead Technician**

Manage employees and perform maintenance on all facility equipment. Communicate professionally with employees and customers. Make decisions on systems used for daily operation. Perform IT diagnostics and repair on computer systems used for operation.

- Implemented and maintained network saving \$20,000 from 3<sup>rd</sup> party