

# 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 the 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**

## TECHNICAL SKILLS

**Programming Languages:** *JavaScript, Java, Python*

**Frameworks & Standards:** *REST, HTTP, HTML, CSS, React, Express.js, Node.js, MySQL, MongoDB, Handlebars, API's, PWA's, Agile, AJAX, ES6, jQuery, Bootstrap, Mongoose, Sequelize*

**Operating Systems:** *Linux, Mac OS, Windows*

**Software & Utilities:** *Git/Git Bash, Visual Studio, Microsoft Office, Maximo*

## RELEVANT EXPERIENCE | PROJECTS

**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.

**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 backend, built models for database structure, coded typedefs and resolvers for graphql, assisted the front end with backend calls. Resolved errors with functionality and set up the initial structure of the 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/3xLlx3C](https://bit.ly/3xLlx3C) | 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.

## WORK EXPERIENCE

**City of Austin;** Austin, TX

**Water Meter Technician** (Mar 2020 – December 2020)

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

**Equipment General Technician** (Apr 2019 – Mar 2020)

Performed maintenance on equipment located at Waller Creek Tunnel facilities. Operated the facility during emergency storm events. Implemented changes to existing SOPs for improved efficiency of operations.

**Epic Fun;** Austin, TX | **Lead Technician** (Apr 2018 – Apr 2019)

Oversaw operations and performed maintenance on all facility equipment. Communicated professionally with employees and customers. Perform IT diagnostics and repair on computer systems used for operation.

- Saved \$20,000 by implementing and maintaining a network.