

# Kaustubh Deshpande | Full-Stack Developer

214-682-1825 | [kaustubhdeshpande.main@gmail.com](mailto:kaustubhdeshpande.main@gmail.com) | [kaustubhdeshpande.com](http://kaustubhdeshpande.com) | [github.com/KaustubhDeshpandeDev](https://github.com/KaustubhDeshpandeDev)

I'm a Full Stack Developer located in Dallas, Texas. I have a deep interest in code and innovation, and am constantly checking out new technologies. Outside of work you'll catch me tinkering with code, playing golf, and teaching piano!

## Skills

---

Javascript | React | Node | Express | SQL | MongoDB | AWS | Heroku | REST API | Redux | HTML | CSS | GraphQL | Nginx | GSAP | Gatsby | Python | JWT | Sass | Webpack

## Projects

---

**The Music Connection** - [themusicconnection-kd.com](http://themusicconnection-kd.com) :

*Personal Application for Business*

- React | MongoDB | Redux | Node.js | Express | JWT | Bootstrap | LoDash | Moment.js | Gravatar
- Communication platform where I as an instructor can communicate with students, and students can interact with one another. Students can also share piano pieces that they have learned or are working on.
- Created a RESTful API to communicate between the front-end and back-end.
- Built my own authorization for login, brought in bcrypt to hash passwords and JSON web tokens to check authorization for users.
- Implemented protected routes, taking the JSON web token from the back-end and then checking it on the front-end for each route.
- Brought in Gravatar for users to automatically get a profile picture for their account through their associated email.
- Made the application full mobile responsive.

**SociaLista** - [socia-lista.com](http://socia-lista.com) :

*Team Developed Application*

- React | AWS | Redux | Node.js | Express | PostgreSQL | Express-Session | Material-UI
- Social media application giving users the ability to make posts, share images, upload music/video.
- Brought in RiteKite API for users to see live updates of trending hashtags around the globe. As well as a news API, for a scrollable module showing up to date news articles.
- Used AWS-D3 for storage of mp3/mp4 files as well as images.
- Built a snapchat story like feature for users. This allowed users to take a photo or upload an existing photo and post it. The picture would last for 24 hours in a stories module, then be automatically deleted.
- Implemented Material-UI for a pleasant user interface.

## Experience

---

**DevMountain**

Jun 2018 - Sep 2018

*Student Developer*

- Full-Stack web development focusing on SERN stack ( SQL | Express | React | Node )
- Worked with HTML/CSS, using many front-end frameworks/languages such as Bootstrap, Sass, Material-UI, JQuery and much more. Creating elegant user interfaces with a responsive design.
- Successfully built three “simulations” (can be found on my GitHub), that mimicked a full-stack application which had to be completed within the hours of 9am-5pm. Complete with a working Database, RESTful API, server, Responsive UI and React architecture.

- Built a fully fledged cryptocurrency application (can be found on GitHub) with React, Node, Express in two days, allowing users to keep track of particular coins and their associated price.
- Learned and implemented various animations with GSAP (Green sock animation platform) in one day.
- Created an application using Gatsby in one day, demonstrating the uses of Gatsby.js.
- Implemented GraphQL into an application, demonstrating an alternative way to query data from an API.

### **Shadowed DBA (Database Architect)**

Jan 2017 - Mar 2018

#### *Mentee*

- Created E-R (entity relationship) diagrams for SQ3L databases.
- Implemented tables, views, and store procedures for application to manipulate and store data.

### **Piano Instructor Business**

Jan 2016 - Present

#### *Entrepreneur*

- Started teaching students from ages 5 – 20 beginner, intermediate, and advanced piano skills.
- Created original Cash Flow statement, Balance Sheet, and Income Statement to improve the tracking/budgeting of expenses and running costs.

### **3M Music Academy**

Aug 2013 - Aug 2016

#### *Teacher*

- Provided instructions and mentorship to students for Internationally accredited ABRSM Exams.
- Learned social skills by interacting with kids and adults of all ages. Teaching intermediate to advanced piano skills.

## **Education**

---

### **University of Texas at Arlington**

*Information Systems and Operations Management*