

Kaustubh Deshpande | Full-Stack Developer

214-682-1825 | kaustubhdeshpande.main@gmail.com | kaustubhdeshpande.com | github.com/KaustubhDeshpandeDev

As a developer and designer, my goal is to blend sharp aesthetics into clean modular code, resulting in a product that is easily maintainable and beautifully engaging. 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 :

Personal Application for Business

- React | MongoDB | Redux | Node.js | Express | JWT | Bootstrap | LoDash | Moment.js | Gravatar
- Multi-purpose platform for me, as an instructor, to communicate with students and for students to share pieces and interact with each other.
- Created a RESTful API to communicate between the front-end and back-end.
- Built my own authorization for login using bcrypt to hash passwords and JSON web tokens to check authorization for users.
- Implemented protected routes by 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 fully mobile responsive.

Socialista - socia-lista.com :

Team Developed Application

- React | AWS | Redux | Node.js | Express | PostgreSQL | Express-Session | Material-UI
- Social media application allowing users to make posts, share images, upload music and video.
- Brought in RiteKite API for users to see live updates of trending hashtags around the globe and 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, so they can take a photo or upload an existing photo and post it, where it will stay, for 24 hours in a stories module before being 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 to create elegant user interfaces with a responsive design.
- Successfully built three “simulations” (can be found on my GitHub) that mimic 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

Jan 2018 - Apr 2018

Mentee

- Created E-R (entity relationship) diagrams for SQL 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. Taught intermediate to advanced piano skills.

Education

University of Texas at Arlington

Information Systems and Operations Management