Goodwill Columbus

code for <good> 2023

Team <3>

Our Team

Ayushe Nagpal

Amber Lai

Eric Wang

Rajit Khatri

Anushka Levaku

Krish Sanghvi

Project Goals

Reach more people

With only 33% of people getting news – missing out on great opportunities

Be more accessible

Make the website easier to navigate for ALL people

Better feedback

Provide more real time feedback and communication

Engagement

Make sure employees and community are constantly involved with the programs available

Features

User Authentication

Password hashing and storage in database

Course Calendar

Provides updates on course calendar instead of a static pdf

Newsletter

Updates the users on recent developments in the company

Mentorship Database

Search by interest, role, location to search through previous employee database

Chatbot

Allows for real time responses and has FAQs

Admin Dashboard

Twilio push notifications, web page analytics, event planning
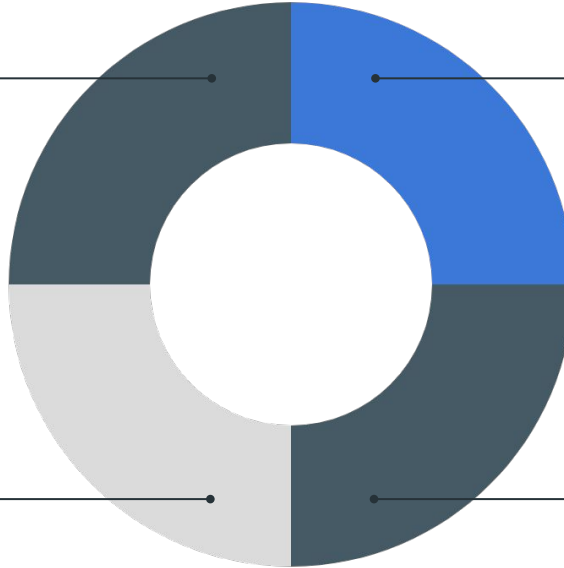
Tech Stack: MERN

Front-End

React.js

User Interface

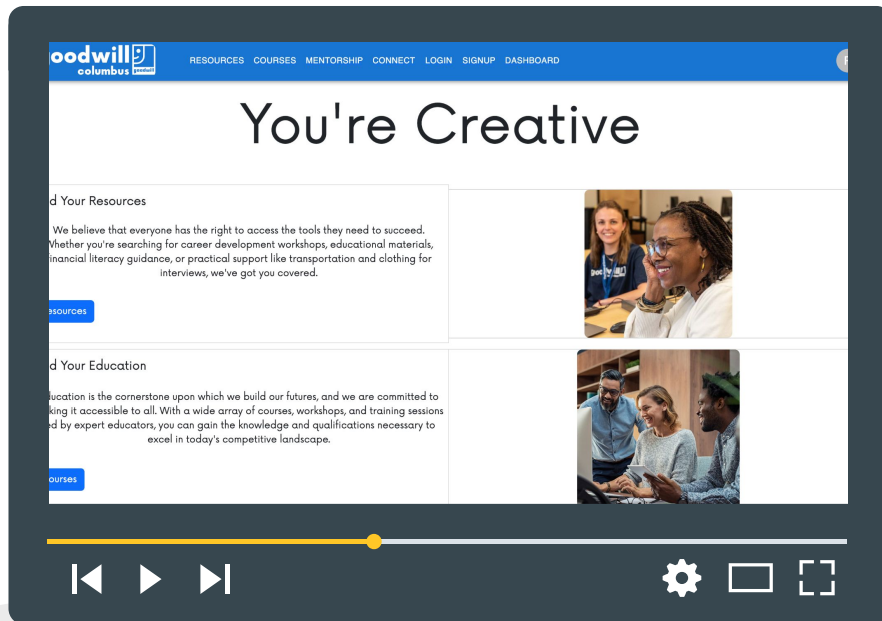Material UI, CSS, React-Bootstrap
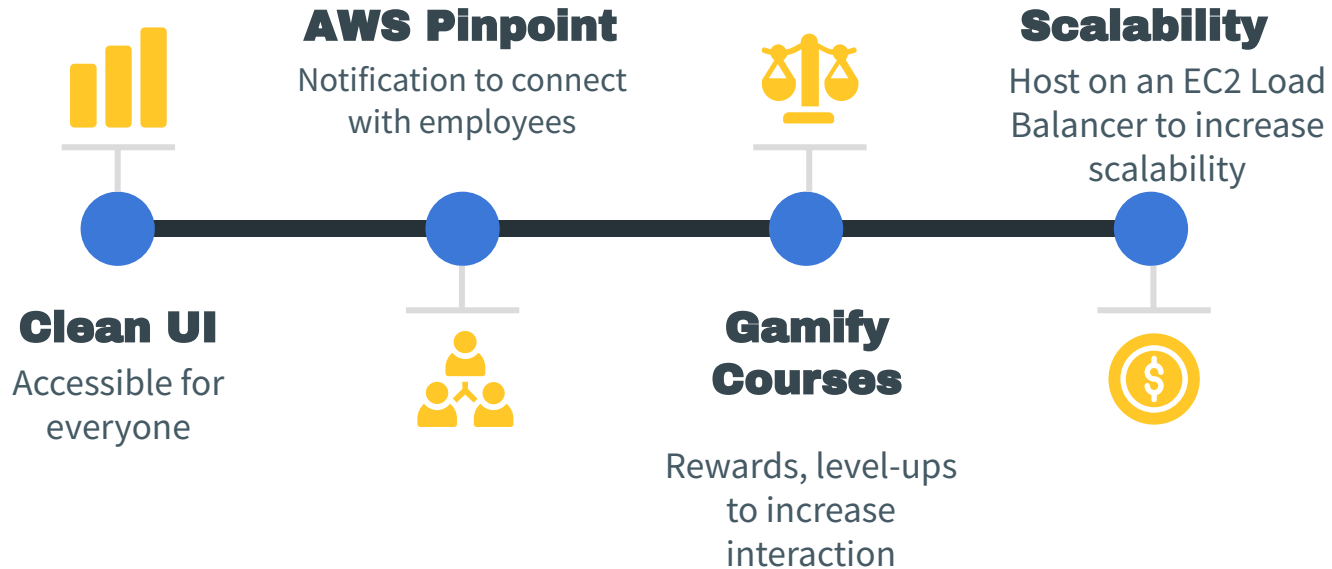
Application Layer

Node.js and Express.js

Database

Mongo-DB

Demo!

Future Implementation

Clean UI
Accessible for everyone

AWS Pinpoint
Notification to connect with employees

Gamify Courses
Rewards, level-ups to increase interaction

Scalability
Host on an EC2 Load Balancer to increase scalability

Problems

01 Time Management

- Limited time to implement a lot of features

02 New Tech Stack

- Our first time using the MERN stack which lead to a learning curve

03 Coding Collaboratively

- Merge conflicts
- Communication

01 Software Development Cycle

- Used a physical Jira board to break down tasks and keep track of product development
- Taking an idea to a full stack web application
- Code review + Git

02 Connections

- So much to learn from each mentor + SME we interacted with
- Lots of cool people at JPMC

What we learned

Our Partners

Special thanks to:

JP Morgan Chase & Co

For hosting such a great opportunity

GoodWill Columbus

For allowing us to work on an impactful project

Questions?

Thank you!