



GROUP 3

# JOB RANGERS



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# OUR TEAM



Gerardo  
Ferrigno



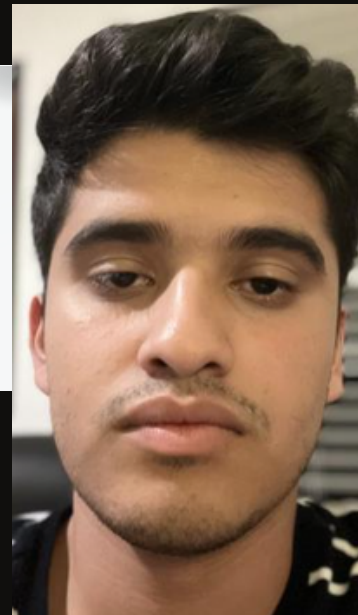
Sang Shim



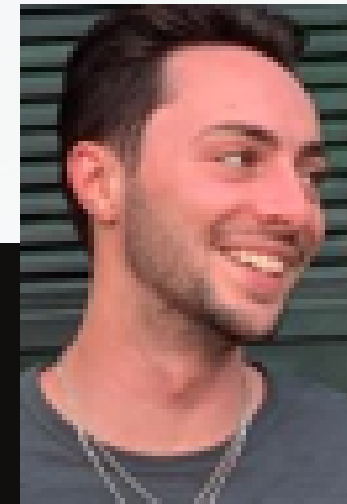
Max Eaton



Sam Adams



Prajwal  
Nepal



Grant  
Hargrave

# JOB RANGER

## **Our Mission**

To expediate the process for those who are actively seeking employment by streamlining professional resume creation while simultaneously searching for job opportunities that meet individual's skill sets.





# ***KEY CUSTOMER PROFILE***

- Recent graduates who are starting their job search and need help creating a professional resume and identifying relevant job opportunities.
- Experienced professionals who are looking to update their resumes and explore new job opportunities in their field.
- Freelancers or contractors who are looking to showcase their skills and experience to potential clients or employers and find new project or job opportunities.



## User Input

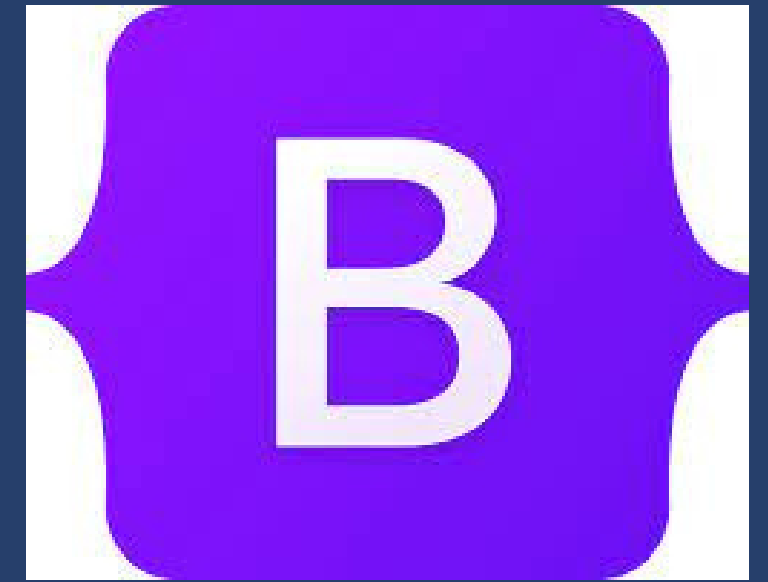
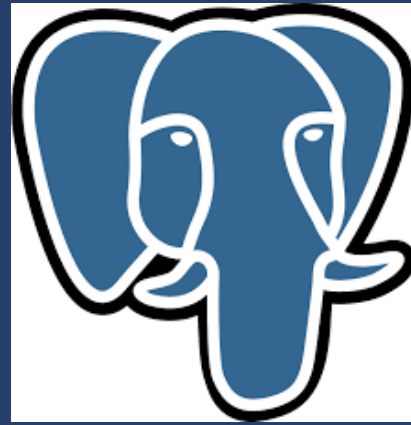
Users inputs job  
applicable  
information such  
as...

# JOB RANGER



## System Output

Application Automatically  
produces a personalized  
resume and searches for  
applicable jobs



# Software





**3.5/5**

# Use/Rating

**GitHub is the web-based platform for version control and collaboration that was primarily used for our software development. It allows users to:**

- **host and review code**
- **manage project workflows**
- **track changes to code over time**
- **collaborate with others during development**
- **Track workflow through project boards**





Visual Studio Code

4/5

# Use/Rating

**Visual Studio Code is the primary environment our team utilized for editing and debugging due to its range of features and extensions that made it the best choice for our developers needs. including debugging tools, Git integration, and support for multiple file formats. It also includes a built-in terminal. With its ease of use and versatility, Visual Studio Code was the obvious choice**



# Use/Rating

Bootstrap is a frontend tool kit used for developing responsive websites. We gave Bootstrap a 5/5 because of its ease of use and extensive documentation offered online

# 5/5



docker

4/5

# Use /Rating

Docker is the software platform our team used to build and test our application during development. Providing an environment containing everything needed for your programs at runtime.

Overall we gave Docker a rating of 4/5 stars. While it was detrimental to developing the different aspects of our website simultaneously it added a considerably amount of time debugging certain issues



# Use/Rating

- Postman is an online platform that allows for developers to design and test APIs.
- It allows developers to interact with APIs and perform various operations such as sending requests, receiving response
- Testing different parameters which was incredibly useful for previewing API responses without taking the time to fully integrate them

4.5/5

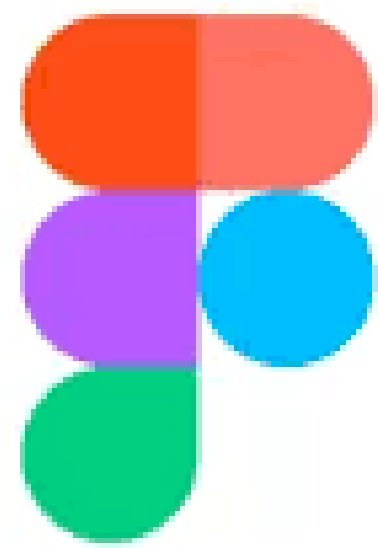




# Use/Rating

Azure is Microsofts cloud computing platform which our team decided to use for access, management, and deployment of our website.

**4.5/5.0**



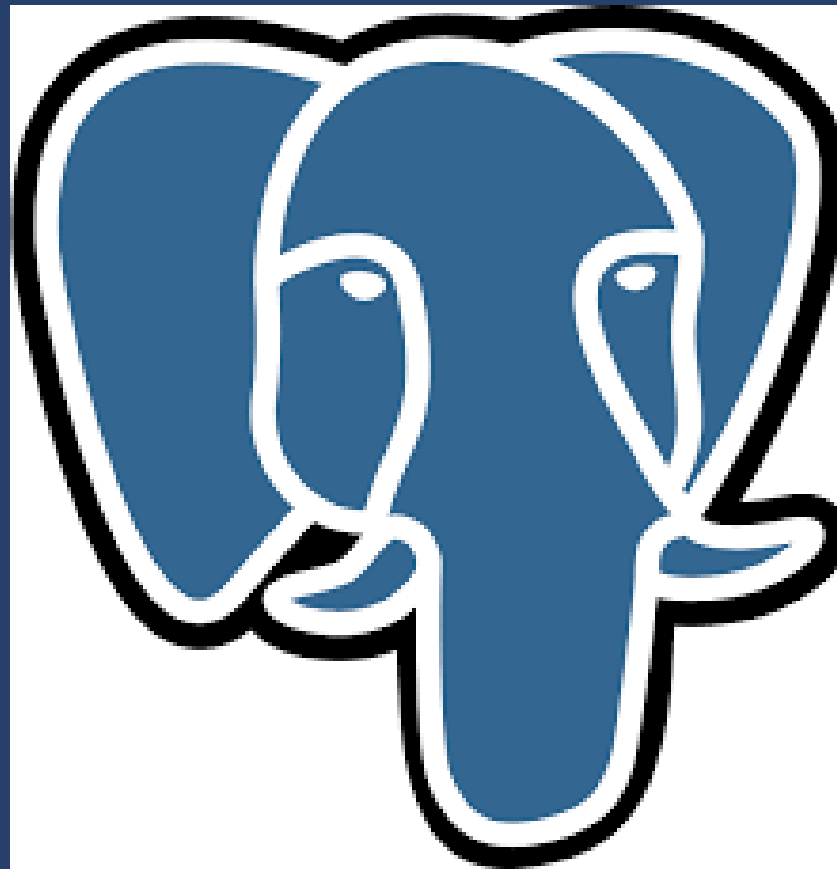
# Figma

## Use/Rating

Figma is the design and prototyping tool our team used to create user interfaces and prototypes for our website. It provides a collaborative platform where developers can work together in real-time to create and share their designs

# 1.5/5

# NodeJS/PostgreSQL/EJS





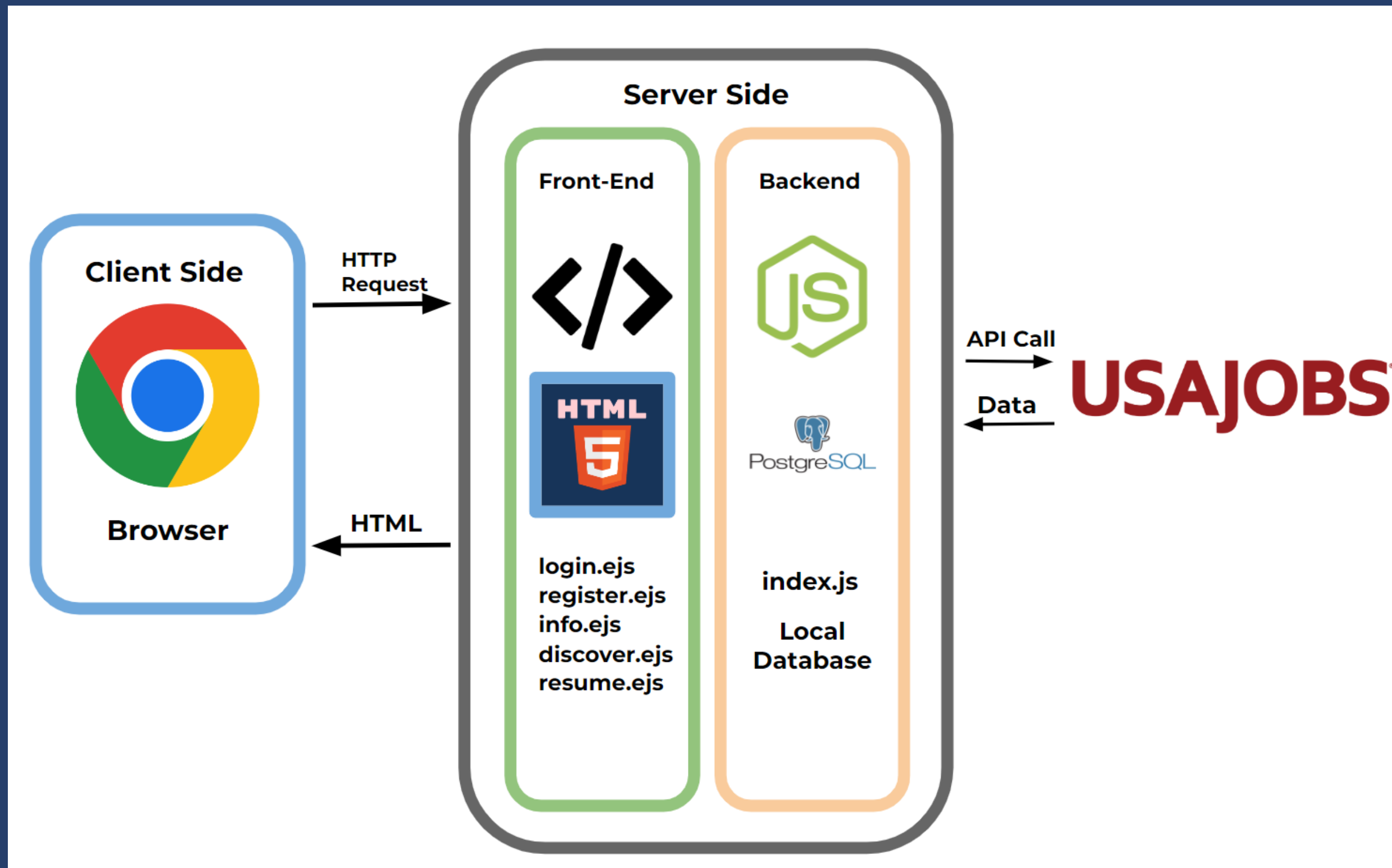
3/5

# USAJobs API

- A national database which documents open job opportunities
- Our application utilized the Job/search endpoint which pulls job opportunities based on fields from your resume
- The only major problem we faced was the location based search which returned variable results paired with other keyword searches



# Architecture Diagram



# Challenges

- Implementing the html to pdf conversion with external API / imported library
- Integrating the seperate working components of our website
- Finding API's that worked for our needs
- Communication

# Demo



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# THANK YOU

*We look forward to you  
tyring out our product!*

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***OFFICE***



Boulder, Colorado

