

Isaac Beck



Full Stack Web Development

Job Board

“TechMeet”

February 4th, 2021

About Me

My name is Isaac Beck. Prior to my time at Centriq I worked the last sixteen years in customer service positions, I really enjoyed my time with it, I tend to be social and love conversing with and helping others, but I also have a natural curiosity for how things work, especially with computers and technology and I have dabbled in coding off and on for most of my life. Although I never really strayed further than HTML and CSS at the time. Eventually this passion would lead me to Centriq Training and their Full-Stack Web Developer track, so I could further my understanding of technology and to seek a career change in the industry. I am thrilled with how far I've come and really appreciate both the challenges and the rewards of coding. I think the one thing I'm most looking forward to about moving on from Centriq is further learning how to use react. That was a fun piece of technology and I can't wait to get out and learn more of it. But I think that's enough about me let's move onto the project!

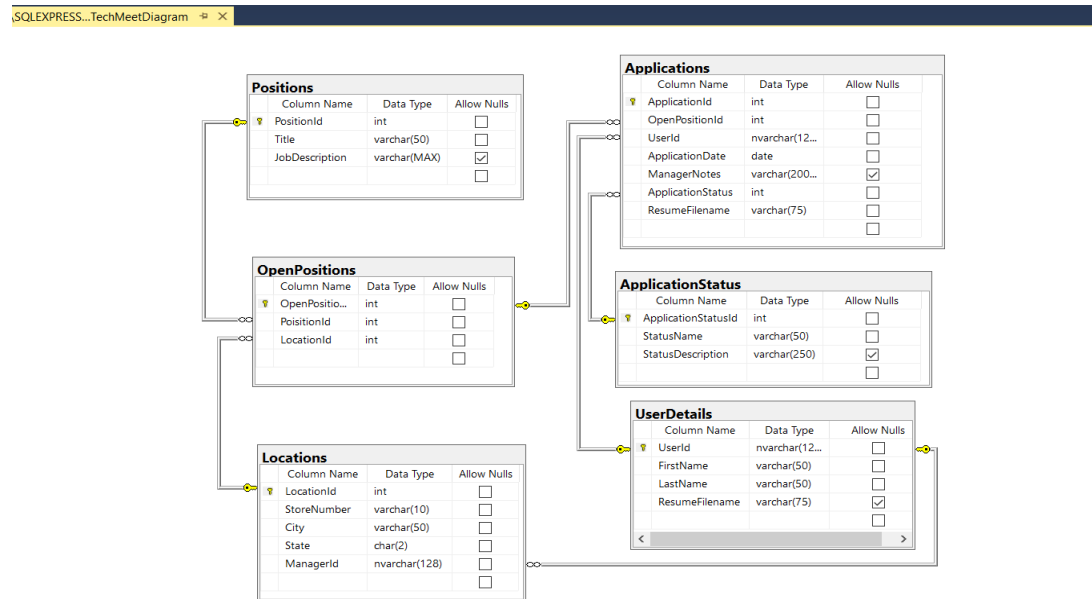
About TechMeet

I chose to create a job board for my final project. I used a lot of job board sites through my own careers and wanted to take a shot at making one of my own, I also thought the one-click apply functionality sounded fun and I wanted to take a shot at it myself. The requirements for this project asked for an internal job board to promote growth amongst employees as a company. The requirements were as follows.

- Managers can post job openings.
- Users can create an account.
- Users can upload a resume during account creation.
- Users can apply for open positions with one click of a button.
- Managers can view applications turned in at their own location.
- Employees can view the status of their own applications.
- Application date needs to be auto-populated when the user applies.
- Application needs to be mobile responsive.

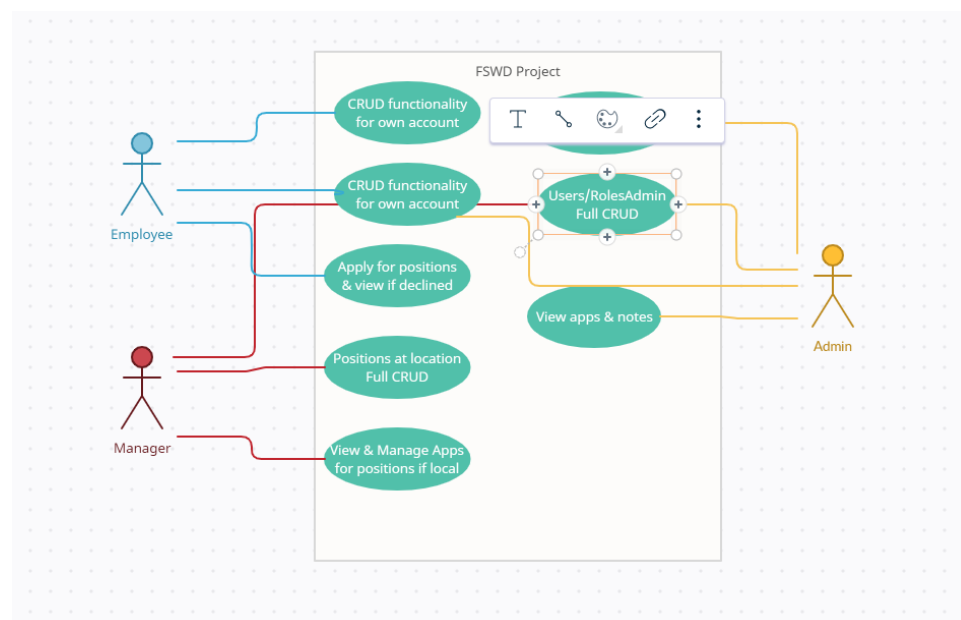
Documentation (next page)

Diagram



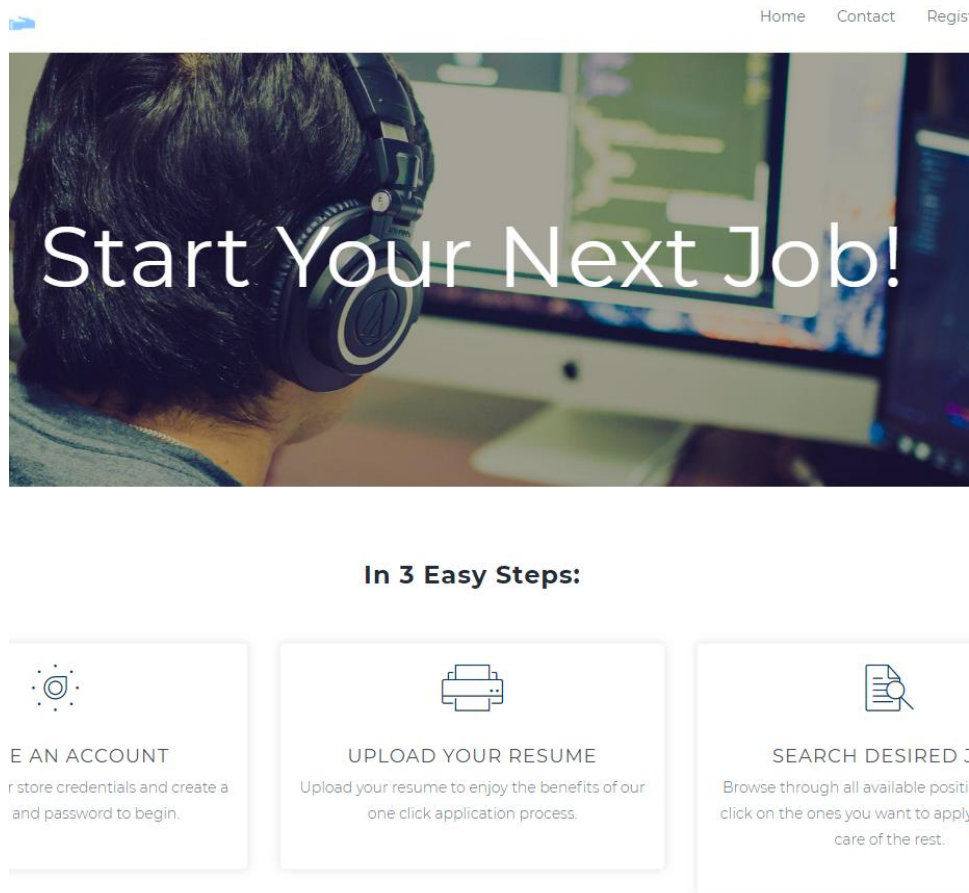
I made a database diagram and assigned all Primary and Foreign Key relations through the tables and snapped an image for reference.

Use-Case



Screenshots

Index

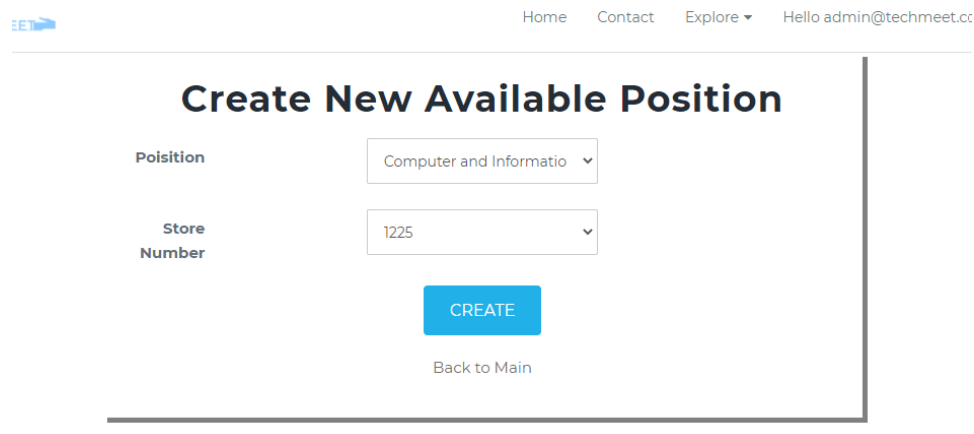


I spent extra time cleaning up the landing page cause I wanted to give our users a strong and clean first impression of the app, and included a short 3 step “guide” instructing users how to properly use the app and take advantage of our one-click functionality.

I also hid our browse job button in order to move anonymous users in the right direction and get them to where they can start applying.

The next couple of pages will be showing you the way the application looks after I cleaned up the UI and the views.

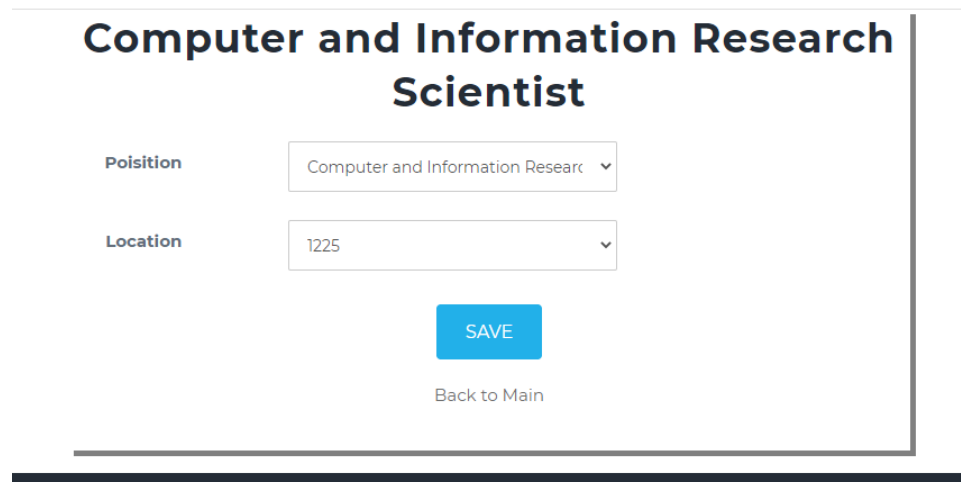
CRUD Views - Create



The screenshot shows a web application interface for creating a new position. At the top, there is a navigation bar with links for Home, Contact, Explore, and a user greeting 'Hello admin@techmeet.cc'. The main heading is 'Create New Available Position'. Below this, there are two dropdown menus: 'Position' with the value 'Computer and Informatio' and 'Store Number' with the value '1225'. A blue 'CREATE' button is centered below the dropdowns, and a 'Back to Main' link is positioned directly underneath it. The entire form is enclosed in a light gray box with a thin border and a subtle shadow.

I added a nice border and box shadow to give the page a nice “POP” without taking away from its simplistic design.

Edit



The screenshot displays an edit form for a 'Computer and Information Research Scientist'. The title is prominently displayed at the top. Below the title, there are two dropdown menus: 'Position' with the value 'Computer and Information Researc' and 'Location' with the value '1225'. A blue 'SAVE' button is centered below the dropdowns, and a 'Back to Main' link is positioned directly underneath it. The form is styled with a light gray background, a thin border, and a box shadow, matching the design of the create form.

Doing the same thing in the edit views, just to make it feel consistent throughout the entire application.

Details

The screenshot shows a details page for a record. At the top, the title 'Computer and Information Research Scientist at 1225' is displayed in a large, bold, dark blue font. Below the title, there is a table with two columns: 'Store Number' and 'Title'. The 'Store Number' column contains the value '1225', and the 'Title' column contains the text 'Computer and Information Research Scientist'. Below the table, there is a blue button labeled 'EDIT'. At the bottom of the page, there is a link labeled 'Back to Main'.

And again with the details, I followed along with the same look and feel I gave to my create and edit views.

Delete

The screenshot shows a delete confirmation page. At the top, the title 'Delete Computer and Information Research Scientist?' is displayed in a large, bold, dark blue font. Below the title, the text 'Are you absolutely sure?' is displayed in a bold, red font. Below this text, there is a table with two columns: 'Store Number' and 'Title'. The 'Store Number' column contains the value '1225', and the 'Title' column contains the text 'Computer and Information Research Scientist'. Below the table, there is an orange button labeled 'Delete'. At the bottom of the page, there is a link labeled 'Back to Main'.

Same with the delete except I changed the coloring of some of the text and buttons to try and grab the users attention to notify them that they are about to delete a record, which cannot be undone.

The next page contains images of my index page, taken from both the standard browser and mobile views to show full web responsiveness

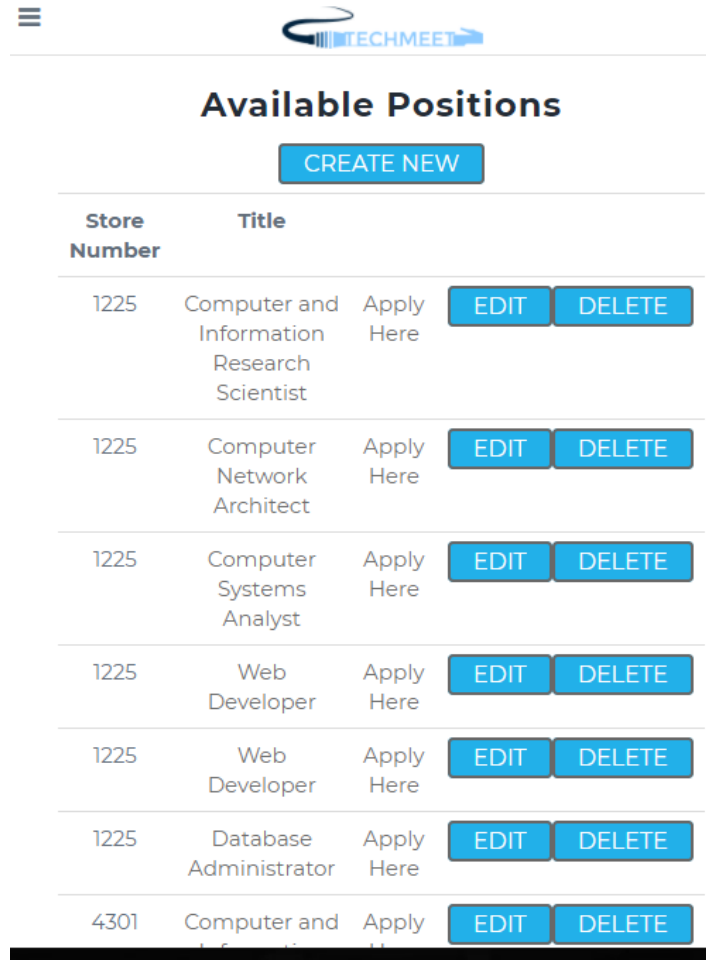
Index

Available Positions				
CREATE NEW				
Store Number	Title			
1225	Computer and Information Research Scientist	Apply Here	EDIT	DELETE
1225	Computer Network Architect	Apply Here	EDIT	DELETE
1225	Computer Systems Analyst	Apply Here	EDIT	DELETE
1225	Web Developer	Apply Here	EDIT	DELETE
1225	Web Developer	Apply Here	EDIT	DELETE
1225	Database Administrator	Apply Here	EDIT	DELETE
1225	Computer and Information Research Scientist	Apply Here	EDIT	DELETE

On the index view I took out any unnecessary information that was being displayed by default, leaving that information to be displayed on the details page. I then sorted available positions and grouped them by store number and added the button for the “one-click” functionality.

(Mobile functionality is displayed on the next page)

Mobile



Store Number	Title	Apply Here	EDIT	DELETE
1225	Computer and Information Research Scientist	Apply Here	EDIT	DELETE
1225	Computer Network Architect	Apply Here	EDIT	DELETE
1225	Computer Systems Analyst	Apply Here	EDIT	DELETE
1225	Web Developer	Apply Here	EDIT	DELETE
1225	Web Developer	Apply Here	EDIT	DELETE
1225	Database Administrator	Apply Here	EDIT	DELETE
4301	Computer and Information Research Scientist	Apply Here	EDIT	DELETE

The app looks and feels great even on mobile phones. The navbar hides itself behind a hamburger menu when on mobile browsers and columns shift to accommodate for the smaller screen size.

Code Snippets

The piece of functionality I feel that really set this app apart from any other apps I have worked on in the past, is the one-click functionality.

```
public ActionResult OneClickApply(int? id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    OpenPosition openPosition = db.OpenPositions.Find(id);
    if (openPosition == null)
    {
        return HttpNotFound();
    }

    string currentUserID = User.Identity.GetUserId();
    Application app = new Application();
    app.OpenPositionId = openPosition.OpenPositionId;
    app.UserId = currentUserID;
    app.ApplicationDate = DateTime.Now;
    app.ApplicationStatus = 2;
    UserDetails userDeets = db.UserDetails.Where(x => x.UserId == currentUserID).Single();
    app.ResumeFilename = userDeets.ResumeFilename;

    db.Applications.Add(app);
    db.SaveChanges();

    return RedirectToAction("Index");
}
```

Using this I created a string to capture the current users id and created a new application based off the current users information, complete with a pdf of the resume they uploaded when they registered as a new user. It also takes a time stamp so that managers and admin come see exactly the moment that the application was submitted.

Isaac Beck

FULL-STACK DEVELOPER

816-668-7755

isaacbeck@outlook.com
www.linkedin.com/in/isaacbeck

Qualifications

- Solid foundational knowledge of designing and developing full-stack web applications using .NET framework.
- 12 years of on-site management experience, and 16 years of customer service experience.
- Ability to guide, direct, and motivate teammates, providing feedback and assisting in training processes.
- Experience with using, as well as trouble shooting different POS systems on the user end.
- Ability to process, and share information between team members both through technology, and oral communication.

Technical Skills

Front End: HTML5, JavaScript, jQuery, jQueryUI, CSS3, Responsive/Mobile Web Development, Bootstrap, ReactJS

Middle Tier: Visual Studio, C#.NET, ASP.NET, LINQ, MVC, EF

Back End: ADO.NET, SQL, SQL Server, SSMSE

Independent Development Projects

- **Personal Site:** www.isaacbeck.net
-
- **StoreFront:** Created a secure application for managing product data. Application is built to simulate an online store front with a shopping cart. Administrators have the ability to manage product, category and vendor data.
 - **S.A.T. Scheduling Administration Tool:** Created a secure application for managing product data. Application is built to simulate an online class scheduling system. Administrators will have the ability to manage students, courses, scheduled classes, and enrollments.
 - **Final Project:** Created a secure data-driven ASP.NET MVC application from design through deployment for managing the tracking and organization of hardware and software within a company. Administrators have the ability to manage employee, department data and all details relating to assigned hardware and software.

Technical Training

CENTRIQ TRAINING KANSAS CITY, MO	MAY 2020 – FEBRUARY 2021
FULL-STACK WEB DEVELOPER PROGRAM	

Core Competencies:

- MVC Framework
- Trouble Shooting & Debugging
- Source Control
- Agile/Scrum (Created Team Project)
- Website Deployment
- Pair Programming
- Code Review
- Professionalism, Teamwork, Problem Solving & Effective Communication

Professional Experience

HARDEE'S INDEPENDENCE, MISSOURI	DECEMBER 2018 – FEBRUARY 2020
SHIFT LEADER	

- Oversaw daily opening operations and double checked all safety procedures.
- Ensured all equipment met safety standards.
- Counted safe and cash drawers and documented any shortages.
- Assigned team members to daily stations.
- Maintained the daily flow of operations and assisted all stations as needed.
- Provided oral communication between front-counter crew and back-end kitchen staff.
- Made sure all positions were filled and found additional staff when necessary.
- Placed truck order, rotated and counted truck inventory upon delivery.
- Counted and approved cash deposits and conveyed them to the bank.
- Maintained the condition of the lobby and parking lot.

PAPA JOHN'S INDEPENDENCE, MISSOURI	JUNE 2015 – DECEMBER 2018
DRIVER / ASSISTANT MANAGER	

- Delivered products to clients using personal vehicle.
- Received and placed customer orders.
- Supervised in-store crew, dispatched drivers and maintained quality of product.
- Maintained monthly inventory budget.
- Scheduled employees weekly and found replacements when necessary.
- Maintained cleanliness standards and food safety guidelines.

SONIC INDEPENDENCE, MISSOURI	JULY 2011 - JUNE 2015
ASSISTANT MANAGER	

- Oversaw daily opening procedures.
- Maintained daily cleaning standards and checked previous night's work, provided feedback.
- Provided oral communication between front-end and back-end team members.
- Greeted customers and assigned team members to deliver orders.
- Cleaned all equipment as required, if unavailable would assign crew member to see it through.
- Assigned all front-end team with cash, finalized and settled deposits at the end of their shift.
- Finalized shift deposit and conveyed to the bank.

AUNTIE ANNE'S MISSOURI & KANSAS	SEPTEMBER 2004 - JULY 2011
TRAINING SUPERVISOR	

- Observed, received, and provided feedback on operating procedures within company stores.
- Provided on-site training as well as followed up with owners on quality of employee training.
- Followed up with new hires, ensuring all paperwork and info is documented and filed correctly.
- Provided local businesses with promotional materials and coupons to generate foot traffic during slow seasons.
- Developed new training procedures and provided feedback in the form of monthly meetings, company emails, or oral communication.

Transferred products between locations during emergencies.
Scheduled staff weekly and found replacements when necessary.
Delivered payroll checks to all company stores in regional area.