



Kyle Jackson

American Protein Purveyors, Job Board

Presentation Date: December 14, 2018

About Me

I am a Kansas City native and have lived in the northland my entire life and I currently reside in Smithville, Mo with my wife and kids. I was a graduate of Oak Park High School, class of 2002, and after high school, I attended Maple Woods Community College for a few semesters. In 2004 I took a job in the meat industry, where I worked my way up to management and spent the next 14 years. Over the summer of 2018 I decided to pursue a career in information technology and enrolled at Centriq to learn web development. I have always been the person my family and friends could come to with their technology related questions and I have always enjoyed digging into those questions to find solutions.

I chose to come to Centriq because of their reputation in the Kansas City area and the IT community. Their programs have had clear success over the years. I chose web development specifically because it offered the kind of critical thinking challenge that I enjoy but also allows me the opportunity to be a part of a product that I can take pride in creating.

My time at Centriq has been amazing and taught me a lot about what it takes to be a programmer. The advantage to Centriq is that it is meant to go fast and to cover a wide range of topics to give you a strong base knowledge. However, that same advantage has disadvantages also. It takes every bit of the 4 months to cover in detail all the technologies and languages that Centriq does and it doesn't leave much time for extra. There were a few topics, Angular JS and Ajax, that we touched on in class but were only able to scratch the surface of because of the time constraints. I know for sure these are things that I plan on digging further into in the future.

For my final project, I decided to create a job board because the project really allowed me to develop a concept that I have a great deal of knowledge of, into an application using what I have learned about development. In this case it allowed me to take my knowledge from the career I am leaving and incorporate it into the one I am pursuing.

One thing that I learned from the process of building an application like this final project is that there are many means to an end in development. You can do the same thing, many ways, with varying results and all of them could be correct. The trick is understanding which approach will result in a product that best fits the needs of the end user.

Project Requirements

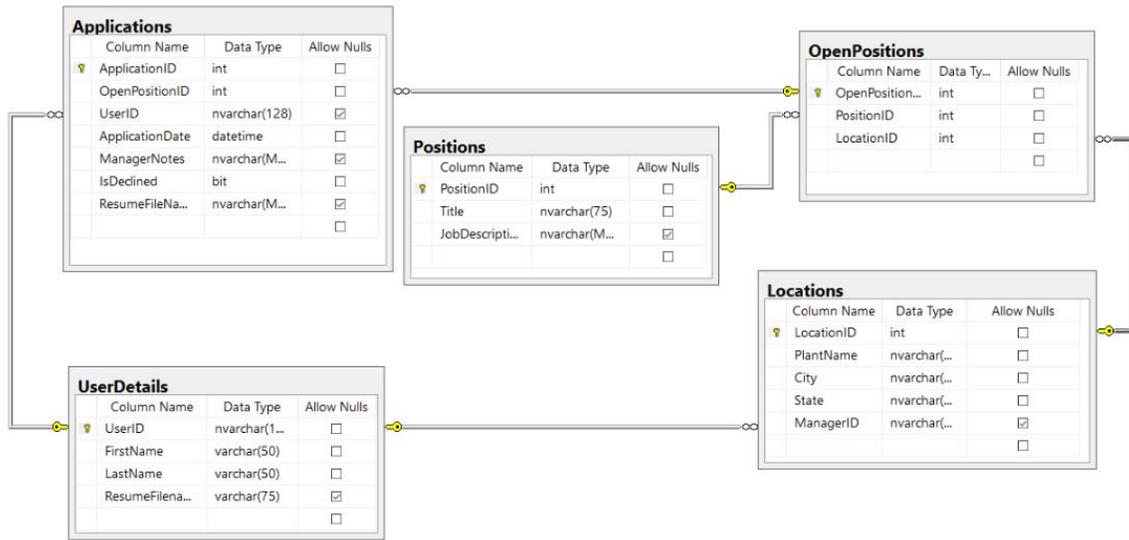
Create a Job Board to serve as a Human Resources tool that manages a company's internal job postings for multiple locations and all positions within the organization. The application will need to utilize a database that maintains information about employees, locations, positions, job openings and submitted applications.

Employees should be able to register as users on the application. Once an employee is a registered user, allow employees to upload their resume and store it to their profile. The employees should be able to view all job openings within the company and have they ability to apply to those jobs with one click and the date of application should be automatically set as the current days date so that the user does not have to enter the date manually. The employee should then be able to see ONLY that employees submitted/past applications, including any notes a hiring manager may have entered in those applications and if the manager declined the applicant. It is likely employees will want to access this application via mobile devices, therefore, the application should be mobile responsive, so that it is as easily usable on a phone as it would be on a computer.

Managers will be enrolled into the application and set up with manager functionality to allow them to view all applications submitted for their location. The manager will be able to enter notes or comments into those applications and to approve or decline applications. Managers should also have CRUD functionality for the positions at their location as well.

The Administrator or "Admin" will have the highest level of permission for the application. An Admin will be a corporate level member of management approved with handling employee and corporate employment information included in the application. The Admin will have the ability to create, update, edit and delete all information within the database. This includes locations, positions, open positions, applications and users. Admins will also have control of the user and role administration within the application. Admins will be the only users capable of adding and removing new open positions.

DATABASE ER DIAGRAM



USE/CASE DIAGRAM

	Controller/Action	Employee	Manager	Admin
Home				
Index	x	x	x	x
About	x	x	x	x
Contact	x	x	x	x
Applications				
Index	x	x	x	x
Edit		x	x	x
Details	x	x	x	x
Delete				x
Create				x
Locations				
Index	x	x	x	x
Edit				x
Details	x	x	x	x
Delete				x
Create				x
Positions				
Index	x	x	x	x
Edit			x	x
Details	x	x	x	x
Delete		x	x	x
Create		x	x	x
Open Positions				
Index	x	x	x	x
Edit				x
Details	x	x	x	x
Delete				x
Create				x
User Details				
Index	x	x	x	x
Edit				x
Details	x	x	x	x
Delete				x
Create				x

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FULL-STACK
DEVELOPER

www.kjcoding.com

QUALIFICATIONS

- Solid foundational knowledge of designing and developing full-stack web applications using .NET framework.
- Complex problem solver capable of evaluating workflow issues and quickly finding solutions.
- Team player who can contribute to, support, and encourage co-workers and colleagues.
- Organized and detailed, able to apply structure to duties to meet deadlines and schedule requirements.

TECHNICAL SKILLS

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

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.kjcoding.com
- ◆ **U Store:** 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.
- ◆ **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 AND EDUCATION

Centriq Training, Leawood, KS

August 20, 2018 – Present

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 HISTORY

Kansas City Sausage Co. Kansas City, MO

May 2017 – June 2018

Blending & Processing Supervisor

- Directed the activities of blending and processing employees to meet scheduling requirements.
- Conferred with other supervisors to coordinate operations between multiple departments.
- Kept records of employee attendance and hours worked.
- Set up and adjusted machines and equipment to meet product specifications.
- Recommended and implemented measures to motivate employees and improve production methods, equipment performance, product quality and production efficiency.

Triumph Foods. St. Joseph, MO

August 2015 – May 2017

Value Added Department Supervisor

- Planned and coordinated production schedules and the activities of the employees in the value added department.
- Worked closely with the supervisors of the department to coordinate the efforts of each room in to meet scheduling requirements.
- Observed work of team members and evaluated finished products to ensure that all work met product specifications.
- Coordinated with human resources department and Union representatives to resolve worker issues, complaints, and conflicts.
- Read and analyzed production schedules and other records to determine production requirements and evaluate current production estimates and outputs.

Kansas City Steak Co. Kansas City, KS

October 2010 – August 2015

Senior Production Superintendent

Production Superintendent

September 2008 – October 2010

- Worked closely with other department managers to maintain the plants profitable operation.
- Requisitioned materials, supplies and repairs to maintain efficiencies of the production floor and its machinery.
- Directed and coordinated the activities of all employees in the product of various beef products.
- Planned and established work schedules, assignments and production sequences to meet production goals.
- Maintained operations data, such as time, production, and product specifications and prepared management reports of production results.
- Conducted employee training in equipment operation, work, safety and government regulations.
- Conducted audits of the floor to enforce safety and sanitation policies.
- Created product specifications and trained employees on their content.
- Performed yield and product tests to ensure delivery of high quality products at the lowest possible prices.