Dear Hiring Manager,

I came into my current position about a year and a half ago when a Biotech company approached me and asked me to design a simple data management system for their everyday use. What started as a static MVC website has evolved into a complex software that has the following features.

I came into my current position when a Biotech company approached me and asked me to design a data management system for their everyday use. The complex software now contains

- A fully customizable dataset of their products and requests. All of this acts as a website which employs all the features of a functional shopping website with unique front ends built for each inventory category and order type. The products make their way through a complex algorithm of ordering, getting quotes, obtaining approval from the admin and the secretary, and so on tracking all invoices, quotes, receipts, and expenses.
- We store the physical location of the items in a table using the Recursive CTE pattern so the administration can dynamically determine the types and features of the lab storage areas and the employees can then use that with an easy to use GUI.
- A complex Expenses, Reports, and Statistics section including all related to Orders, Inventory, Lab Protocols, and Tests for the Human Trials.

I have led the growing team through the necessary steps to create a synergetic workflow including the day to day responsibilities of each team member creating a reliable and easy to use Git workflow. Most importantly I define the company's requirements, translate them into an easy to query database schema for the technical team (which includes myself), and streamline all of the functionality on a day to day basis which includes guiding the creators into better ways of moving forward. I have incorporated regular meetings with the whole team, easy to use communication between the QA professionals and the software team, and daily check-ins with the development team.

I have laid all the foundations of the code to enable all members of the team to use them and quickly create new components of the software. This includes base classes and app utility classes that include the many functions that apply to most of the code. Additionally I have created many css classes and layout views to streamline the design. I have brainstormed many parts of the software when our current code could not handle new versions of the design.

- When the built in transactions failed us (through multiple asynchronous threads), I created custom transactions including complex objects stored in Jsons and GUIDs unique to the user session.
- I created a complex file saving system where all files have database backed references and are stored on the cloud. This includes a temporary saving system unique to each user session to integrate with my custom transactions.
- I created many tables using the Recursive CTE pattern to enable the company to dynamically create the tables and field types of the tests that they were using in their human trials

I created this from the planning stages through the release including releasing it on the Azure cloud, creating daily backups in an Azure virtual machine. Your position interests me a lot and my background and skills seem to meet your requirements. I would look forward to helping you reach your company goals. Please contact me if you would like to speak to me or if you have any questions.

Adina Gayer

ADINA GAYER

Full Stack Developer

Yam Suf 16/13 Jerusalem, Israel 9770128

adinasilberberg@gmail.com
058-323-1014

TECHNICAL SKILLS

Languages

C#, JavaScript, JQuery, AJAX, SQL, LINQ, ASP.Net (Core), Entity Frameworks, MVC, Rest Web Services, HTML, CSS, Bootstrap, JSON, XML

Platforms

DevOps, Microsoft Azure and TFS, Cloud Provisioning and Configuration of SQL Servers and Databases, Visual Studio, SQL Server, Xamarin for mobile app development

Extensive experience in UI/UX design as well as QA

WORK EXPERIENCE

Centarix, Har Hotzvim, Jerusalem, Israel– *Full Stack Developer, Project Manager (February 2020– Present)*

- Created from scratch through deployment a full scale lab management database that supports eight application services. It currently services the Centarix laboratory and is set up to be deployed as software as a service (SAAS).
- Extensive experience launching the app on Azure and debugging all cloud issues.
- Project manager of 5 software developers using SCRUM methodology
- Software: C#, Asp.Net Core, MVC, EF Core Code First, JQuery, CSS, Bootstrap

Flexible Magnets, New York, NY – *Amazon Listing Specialist (October 2018 – August 2019)*

- Primary SEO Management. Significantly increased product sales

GRSCreatives LLC, Baltimore, MD – *Web Developer, Database Manager, and E-Commerce Assistant (September 2016 – September 2018)*

- Developed & maintained websites including www.atouchofdazzle.com on Shopify. This included advanced custom CSS of the Shopify theme and organizational structure of the website
- Extensive SEO on the Amazon platform including PPC campaigns; research of product market viability as well as competitor products; structuring the listings and pages in response to current customer demand; and creating, maintaining, and updating product listings

Johns Hopkins University– *Applied Physics Laboratory, Laurel, MD – Software Development Intern (June 2016 – August 2016)*

- Analyzed ISIS activity on Twitter, used advanced algorithms to determine the effectiveness of shutting down Twitter accounts and to identify reconstituted accounts.
- Researched cyber algorithms to protect web systems from viruses

EDUCATION

CPU Code School, Full Stack Web Development Certificate *(October 2018 – January 2020)*

Full-stack web development with emphasis on best practices and real-world scenarios, with special focus on lifecycle development and teamwork

Thomas Edison State University, B.S. Computer Science *(September 2014 – August 2016)*

Bachelors in Computer Science with coursework including: software development, web development, OOP, and computer architecture