

Celina Shetana

Software Engineer

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Active (TS/SCI) Clearance / No 3rd party or agencies please.

Software Experience:

- C#/ VB/ .NET.
- ASP.net Core.
- Blazor / Web API.
- Window /Linux.
- SQL / PostgreSQL.
- WPF /MVVM/JSON.
- Prism using Unity IoC.
- Syncfusion / MudBlazor.
- WCF /RESTful Services.
- LINQ 2 SQL.
- Entity Framework (Core).
- Core Web API.
- SOLID Principles/OOP.
- PHP/Yii/WordPress.
- Kollmorgen KVB.
- Dev-Op/SVN.
- MATLAB R2022.
- Jira/ Jenkins /Fisheye.
- Visual Studio 19/22.
- Data Visualization.
- Red Hat/ Ubuntu Linux.

Design Experience:

- UX/UI experience.
- Graphics Design.
- Commercial Photography.

Education:

Associate of Science Degree
Golden West College, CA

General Info:

- US Citizen.
- Active (TS/SCI) Clearance.
- Available immediately

Interpersonal Skills:

- Positive “Can-do attitude”
- Ability to get the job done.
- High IQ & strong analytic.
- Creative problem-solving.
- Strong communication.
- Passionate: Love what I do.

Why I am a benefit to your company?

With over 15 years of experience as a Full-Stack software engineer, I possess a remarkable ability to craft innovative solutions that enhance workflow, improve user-software interaction, boost profitability, and streamline operations, resulting in reduced overhead. My focus on enhancing data visibility and overall user productivity has consistently yielded exceptional results.

My solutions are characterized by their creativity, intelligence, elegance, user-friendliness, and adaptability. They bear a unique quality, reflecting my personal touch in every aspect - from their form and feel to their functionality.

Endorsed by consistently high ratings from users, my solutions guarantee the highest return on investment (ROI). Moreover, I embrace new technologies with enthusiasm, eagerly taking on challenging projects that push me to excel. Thriving in such deep-end situations is where I truly thrive.

L3 Harris – Global aerospace and defense - Photonics (4/2020– present)

Title: Lead Software Engineer (Due to top clearance requirement, I can't disclose details)

I collaborate with a small team in an agile work environment, engaging in multiple projects. As a team member, I have taken the lead on some of these projects, which can involve a variety of technologies, some of which I am familiar with, while others are entirely new to me.

I have a strong sense of confidence in my skills as a software engineer on both Windows and Linux platforms using C#. For other technologies, I adopt a learning-as-I-go approach. In the past, I have worked with Cloud, Windows, and Linux systems, as well as AI implementations using Python. Additionally, I have experience with C++/Python/QT on Linux.

The primary focus of my work involves writing and rewriting front-end and back-end software for hardware systems, including optics, sensors, and motors that utilize fiber optics technology. My tasks often involve working with complex networks that may encompass routers, servers, VGWs (Virtual Gateway) and other components.

Other part of my experience is in system integration and deep understanding of security protocols allow me to navigate the challenges of sensitive environments with precision and confidentiality. My expertise as a system integrator in secure locations has garnered trust and recognition, making me a reliable partner for critical projects across the county.

Testimonials:

“A small thanks for the massive effort you put into helping the LCE IRAD get to a fully functioning LCE for their upcoming DVT. Your selfless and driven nature are a testament to your commitment and work ethic. Thank you very much for all that you do, and often on short notice.”

**L3Harris - Jon Cox
My Manager**

“Thank you for your automation expertise in streamlining the C8 calibration saving several hours of work into seconds. The new tools you provided are easily used by the production team providing them with instant test results. Awesome work!”

**L3Harris – Neil Magtoto
Lead, Software Engineer**

“Thank you for your critical support in providing integration, factory acceptance testing, software development, shore terminal equipment installation, and at-sea deployment activities for a major sub-sea telecom network. Thank you for all you do for the customers and the mission!”

**L3Harris - David Kornick
President, Intel & Cyber**

“When looking to bring someone new on board we always look for someone who works hard, learns new things quickly, works well with the rest of the team, and deals professionally with our customers. At the end of day, you end up settling for the person that most closely meets those criteria. With Celine, we did not feel like we had to settle, as she was all those things and more. She really helped us out in a pinch when internal resources were limited, and I would not hesitate to work with her again in the future.”

**WebVisible - Jeffery M. Brady
Manager, Data Analytics**

Vanguard EMS – Electronics Manufacturing (2/2016– 8/2020)

Title: .net/ SQL Developer (applications for the company’s internal operations) I worked on multiple projects at various departments, below are the top 3:

1. Scheduler App:

Problem: As customers submit their orders, a team of schedulers relies on historical data in an attempt to estimate the completion date for each order. However, predicting this time-frame becomes an arduous task due to the ever-changing nature of the factory floor. For instance, factors such as employee absences, machine breakdowns, delayed parts, and other unforeseen circumstances can fluctuate the production process minute by minute, making precise predictions impossible.

Solution: Committed to rigorous effort, an app was crafted with the capability to utilize employees’ and machines’ schedules, quantity ordered, and historical data to instantaneously forecast delivery dates within seconds. Moreover, it boasts the ability to preemptively alert managers about potential delays, enabling proactive measures to maintain smooth production processes

2. Assembly Locator:

Problem: If you have an average of 300 orders at any given moment, with each order consisting of 1 to 10 boards that go through 10 to 40 steps on the assembly line, the challenge is to track the real-time location of each individual board. Currently, a report is generated a few times a day, which takes 20-40 minutes to be ready, but there’s a need for more immediate information.

Solution: This application utilizes intelligent algorithms and multi-threading capabilities to provide real-time location tracking of any assembly (board) within seconds. Additionally, it is extensively utilized across the entire factory for seamless and efficient operations.

3. Equipment Maintenance Manager:

Problem: Every department on the factory floor has machines that require maintenance from third-party services to keep their certifications. The challenge lies in the fact that each department has its own tracking methods, making it difficult to maintain or cross-reference the maintenance data. Furthermore, scheduling ahead is problematic as appointments must be made well in advance.

Solution: I successfully managed to clean and import data from various departments (Excel/Access) into a SQL Database. Additionally, I designed a user-friendly interface accessible to all departments, which includes a built-in scheduling system to efficiently track upcoming appointments and send email notifications. With this setup, there are no more missed appointments due to the lack of timely notifications.

Testimonials:

“Celina was a very hard worker and was great at catching every small little detail on problems we had to solve together.

She always put in the extra hours, and even would login from home after hours to make sure our system was running smoothly. She also created the reporting dashboard that my team uses.”

**WebVisible - Steve Luh, PMP
Director, Online Ad Operations**

“I had the pleasure of working with Celina at Harbor Objects. We presented her with software that we had developed over the past 3 years, with all the feedbacks we got from our user. The system seemed to be complicated for average user and we asked her to simplify the processes. She became extremely familiar with the system in a short period, often worked from home and spent long hours with our staff to fix the problems. In a relatively short period, she provided us with very powerful results that were consistent with our client’s requests and recommendations. I highly recommend her, she is very punctual, and has a deep knowledge of her field. She also proved to be extremely reliable. I will use her again in future projects.”

**Orglow, Inc. – Saeid Hirbodi
Founder / CEO**

**Capella Technologies – Software as a product to be sold
(7/2011– 2/2016)**

Title: .net Developer (working on software to be sold to big companies)

This marks my initial venture into an enterprise environment, and unquestionably, it has proven to be the most demanding experience so far. Fortunately, I am blessed to have an exceptional manager/mentor by my side, guiding me towards continuous improvement, particularly in low-level code practices and back-end programming. Their expertise has been instrumental in honing my skills. Over the last 4 years I worked on multiple solutions this is a list of the main 2 projects:

- The goal of this project is to enhance Capella’s reporting system (OLTP) by transitioning it to a Business Intelligence Cube/MDX solution (OLAP) with improved data visualization and graphs using WPF/Syncfusion. By making these changes, we aim to transform the current reports into a highly efficient and flexible Ad-Hoc reporting system. To accomplish this, the application’s GUI will be developed using WPF (MVVM) and will leverage Syncfusion Pivot tools, while the SQL backend will handle data processing.
- The project is a comprehensive application that combines Winforms, WPF, and web technologies into one cohesive solution. It interacts with an SQL server through a WCF service and has been implemented in C#. The primary purpose of this application is to enable IT administrators to efficiently manage electronic documents, users, printer/scanner devices, security settings, and print servers across the network.

Past Professional Experience:

Harbor Objects – Software Developer - IT Consulting Firm (2010–2011)

Stearns Lending - Software Developer - Mortgage Lender (2007–2010)