

Valentin EKEU TIEMENI

Green Card holder - No Sponsorship required

Hard worker; Natural problem solver; Analytical thinker with strong interpersonal skills; Calm under pressure.

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Summary

I am a Software Engineer with experience building multi-tiered applications, created full-stack .NET Application with C#, Angular, MVC, SQL, JavaScript, HTML, and CSS. In addition, I have an in-depth understanding of Object-Oriented Programming, Agile development methodology, analysis, designs and SOLID principle. I'm a really motivated person and able to learn new technologies or concepts very fast. I'm capable of handling multiple tasks and I have strong customer service skills.

Professional Experience

Software Engineer | Regency Management Services, LLC – Brandywine, MD February 2020 - Present

Working in Agile environment with a team to build an online system to manage multiples furniture stores distributed in several sales division and sales district.

Responsibilities:

- Analyze user requirements from the Scrum Master and convert it to design documents.
- Designed and implemented Auth Gateway for authentication by scaffolding **ASP.Net identity**.
- Elaborate the **Coding Standards** and Best Programming Practices for the team.
- Designed and implemented the different model (user, domain, department...) including the **hierarchyId** type and **fluent validation**.
- Create the initial database instance using **EF code first** and write consistent **LINQ query** to access **SQL Server database**.
- Implement **RESTful ASP.NET Web APIs** using **HttpClient** and **Ajax** to communicate with database.
- Tested the API with **Postman** and ensure that data is presented in **JSON** format
- Managed database structure using **Fluid API** and data formatting with **Data Annotations** including **Regex**.
- Completed unit and integration testing with **MSTest** and **xUnit** unit tests in C#, with **Swagger** for API and with **Jasmine-based** tests run with **Karma** in Angular.
- Configure and use **azure pipeline** for **CI/CD**, Setup and managed **azure app insight** to monitor the lives applications.
- Build a reactive and responsive **UI** for the client side login, registration and merchandize with Angular 8.
- Setup and implemented **azure service bus (topic and queue)** for asynchronous transfer of data and state between our different services.
- Design and implemented the **repository pattern**.
- Override the **OnModelCreating** method and use the **ModelBuilder** API to configure our model.

Software Engineer | Revature – Reston, MD October 2019 – January 2020

- Working with a team to build multi-tiered applications, created full-stack .NET Application with C#, Angular, MVC, SQL, JavaScript, HTML, CSS...

Responsibilities:

- Involved and participated in the overall **application lifecycle** of 2 mains projects
- Designed and implemented the **MVC design pattern** of [pizza parlor](#) project
- Setup and implemented **Redis** database to store customer basket of pizza parlor project
- Writing, implementing and testing code, refining and rewriting it as necessary.
- Tested functionality with unit tests written using Visual Studio **NUnit** Test .Net core.
- Debug and Resolve complex technical design issues (**Date problem**, **EF migration**, **many to many relationship**, communications between **model-view-controller...**)
- Designed and Build reactive Angular front-ends using custom services to asynchronously deliver **RxJS Observables** with data from **HttpClient** calls to API. ([a-bank](#) project)
- Develop and consume (from Angular) **REST** (WebAPI) and **SOAP** (WCF) based services.
- Tested the API with **Postman**, visit **Can I Use** to optimize **HTML** code and user browser experience.
- Managed source code and collaborate with team using **Git** and **slack**.
- Set Up **local container registry** for test deployments/builds.

Production Supervisor | Walmart – Washington Blvd, Arbutus, MD October 2017 – June 2019

- Manage production team and Develop best practices, routines and innovative solutions to improve production rates and quality of output.

Metrology/Industrial Engineer | PISE - Cameroon March 2014 – Sept. 2017

- Responsible of metrology and innovation department and supervision of a high performing team that is capable of analysing, troubleshooting, and repairing broken equipment, as well as performing preventive maintenance tasks.

Software Engineer | AMLA – Yaounde, Cameroon January 2013 - February 2014

- Analysis, Design and Implementation of a Gauging and Tank-Strapping Software (using Java & SQL) based on a volumetric approach and the information System of the Station, using scientific analysis and mathematical models.

Responsibilities:

- Designed the entire application using **UML** and **OOP** design pattern.
- Get user requirement from the company COO and translate into technical requirements.
- Modeling the application (use case diagram, class diagram, sequence diagram, deployment diagram, prototype, calculation model...)
- Define and implement the business logic (volumetric vs geometry tank-strapping)
- Build responsive, functional and great looking UI of the application using Java Swing, NetBeans and 3rd party library look and feel.
- Design the database using SQL design pattern
- Use PowerAMC to design class diagram and generate custom code source for java and PHP and Script for SQL.

Engineering Internship SELUNG Engineering – Douala, Cameroon		July - September 2012
<ul style="list-style-type: none"> - Design and Implementation of a database (using SQL+ACCESS) for the management of materials, tools, and manufactured products at SELUNG; Design and implementation of service & maintenance plans for SELUNG's machine tools. 		October 2007 - July 2010
<ul style="list-style-type: none"> - Data base management, word processing, complete forms in accordance with company procedures 		
Education		
Bootcamp / Software Engineering Revature – Reston, Virginia		July 2019 - September 2019
<ul style="list-style-type: none"> - Project base Bootcamp where we created full stack web application using .Net and Angular curriculum, including C#, SQL, ASP.NET MVC, JavaScript, JQuery, Ajax, HTML, CSS, Angular 6, Azure DevOps , Docker, Algorithm and Data Structure.... 		
Master Degree / Design Engineering National Advanced School of Engineering, Yaounde		Sept. 2010 - July 2013
<ul style="list-style-type: none"> - Engineering and Production Management ; Design and Development of New Products and Production Systems ; Quality ; Information System (Databases, Networking, Programming) ; Operational Research, Human Resources Management and Ergonomics, Health, Safety and Environment 		
Bachelor's Degree in Mathematics (2008) University of Yaounde 1		Sept. 2004 – July 2008
Numerical Analysis, Game Theory, Descriptive Statistics and Probability; Operational Research, Scientific Computing and Data Analysis, Decisional Statistic, Optimisation.		
Skills and Abilities		
Technical Skills		
<ul style="list-style-type: none"> - Web Technologies: ASP.NET Web API, .NET MVC, Web Services, HTML5, AJAX & JQuery, CSS, Angular. - Programming Language: JavaScript, Java, C#, Python, VB/VBA, C+, Matlab, PHP. - Database & Storage: SQLite, SQL, SQL Server, MySQL, NoSQL, Redis, ACCESS, AWS, Microsoft Azure SQL Database. - Devops: Kubernetes, Postman, Docker, Git, SonarCloud, Azure DevOps (CI/CD, Application Insights, Service Bus, Resource group, SQL server/database, App Service...). - Amazon Web Services: IAM, AWS EC2, AWS EBS, AWS AMI. - Strong proficiency with Microsoft Office applications and statistical tools (Excel, Word, Minitab, PowerPoint...) - Lean Six Sigma green belt level capability with strong Knowledge in application of DMAIC, DFSS and Lean Tools. - Solid understanding of Object Oriented Programming, SOLID principle, business and IT processes. 		
Communication & interpersonal Skills		
<ul style="list-style-type: none"> - Excellent team-working and Leadership abilities. Good integration in the workplace. - Eager, ambitious, and adaptable to change - Excellent attention to detail and strong organizational and time management abilities - Heightened sense of Work Ethics and Discipline Standards, practical abilities, rigor and effectiveness skills. 		
Language		
<ul style="list-style-type: none"> - French: Native - English: Proficient 		