

EUGEN DABIJA

Sr. Software Engineer | Full-Stack Developer



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Strada Silvestru, Bucharest, Romania

ABOUT ME

As a seasoned **Senior Software Engineer**, I bring **13 years** of extensive experience in **web development**, where I have developed a comprehensive skill set that enhances **team collaboration** and **project execution**. My commitment to writing clean, efficient code has consistently helped in meeting project milestones and exceeding client expectations.

I excel in deploying my strong **communication** and **problem-solving** abilities to navigate complex challenges, adapting solutions effectively to align with strategic client goals. With proficiency in a variety of programming languages including **.NET, JavaScript, TypeScript, Python, PHP, Go, and Java**, I am well equipped to handle technical intricacies in a range of development environments. My focus on precision and quality ensures that every project I undertake is executed with meticulous attention to detail.

EXPERIENCE

Software Engineer

Binmile, Georgia 02/2021 - present

- Led the development of an advanced Dental Practice System, utilizing ASP.NET Core, Go, C/C++, GraphQL, Angular, Python and Azure.
- Engineered robust client applications using **WPF** and **Blazor**, which enhanced user interface design and improved the overall user experience, contributing to more intuitive navigation and accessibility in the Dental Practice System.
- Integrated **SiteCore CMS** for content management solutions, enhancing the management of digital content and marketing resources across the platform.
- Engineered a **Chrome Extension** and a lightweight **HTTPS** server in **C/C++** for importing clinical data from third party dental software, enhancing import efficiency by 35% and reducing data entry errors by 25%.
- Collaborated with AI engineers to integrate a **Python** module that automates and standardizes the formatting of clinical data from various providers, thereby increasing data reliability by 30%.
- Leveraged the **Golang BigQuery** client library and the **Go-Gin** framework to configure a lightweight HTTPS server, significantly improving clinical data import efficiency from **GCP** by 50%.
- Advised **Angular** front-end developers to adopt the **Facade** pattern, streamlining interactions with multiple backend operations and boosting backend efficiency by 40%.
- Transitioned complex querying and mutation APIs from **RESTful** to **GraphQL**, and developed additional GraphQL APIs, achieving a 25% improvement in network traffic and API call efficiency.
- Implemented **Azure Repos** and **Azure DevOps** for code review, issue tracking, and management of **CI/CD pipelines**, enhancing development processes and operational efficiency.

Full Stack Engineer

WEZOM, Schaumburg IL 09/2019 - 02/2021

- participated in the backend development of a sophisticated **Solar Electrical Panel Tracking Admin Web Portal** designed to enhance the monitoring and management of solar energy systems, utilizing **ASP.NET, React**, and **Azure**.
- Developed a suite of **RESTful APIs** to facilitate seamless interactions between the **React**-based frontend and the backend services, enhancing the system's responsiveness and user experience.
- Integrated **Python** scripts to establish a communication bridge between the backend and IoT solar panels, collaborating with AI engineers to fetch and process real-time status data effectively.
- Utilized **Entity Framework Core** for object-relational mapping, significantly reducing boilerplate code and streamlining the data access layer, which accelerated development cycles by 20%.
- Managed version control practices and strategies using **Git**, housed on **Azure Repos**, to enhance collaboration and code version tracking across the development team.

.Net Developer

Uipath, Bucharest 01/2017 - 09/2019

- Spearheaded the development of a sophisticated **Real Estate Management System** designed to streamline property listings and sales processes, utilizing **ASP.NET MVC**, **React**, and **MSSQL** as the core technology stack.
- Implemented the backend architecture using **ASP.NET MVC**, ensuring robust, scalable, and secure server-side logic capable of handling high volumes of user traffic and data processing.
- Developed a suite of **RESTful APIs** to facilitate seamless interactions between the **React-based** frontend and the **MSSQL** database, enhancing the system's responsiveness and user experience.
- Designed complex **SQL** queries, functions, and views to extract and present data efficiently, optimizing performance and enabling dynamic, feature rich user queries.
- Implemented a robust payment gateway integration with **Stripe** to handle monthly subscriptions for browsing premium real estate listings.
- Developed a dynamic mapping function using **Mapbox**, which allowed users to search for properties based on location and view enhancing the user navigation experience.
- Managed version control practices and strategies, utilizing **Git** for source code management, which enhanced team collaboration and code version tracking.
- **Documented** the backend system architecture and **API** endpoints comprehensively, providing clear guidance for ongoing maintenance and future enhancements.

Web Developer

Softbinator Technologies 06/2014 - 12/2016

- Utilized **Java** to develop scalable and robust backend systems, leveraging its object-oriented features for effective business logic implementation.
- Developed web applications with **Python**, **PHP** and **HTML5**, focusing on efficiency and effectiveness.
- Engineered dynamic functionality through the seamless integration of **Node.js**, **Express**, and **MongoDB** stacks, enabling robust data management and efficient server-side operations.
- Implemented **RESTful APIs** using **ASP.NET** Web API to facilitate seamless communication between different components of the system, allowing for easy integration with front-end applications and third-party services.
- Built desktop interactive applications with **WPF** and **DevExpress** which enhanced customer experience.
- Utilized **HTML5** to structure and present content, seamlessly integrating **jQuery** for efficient client-side scripting, and leveraging **TailwindCSS** for rapid and customized user interface development, resulting in modern, responsive, and visually appealing web designs.
- Successfully partnered with cross-disciplinary teams to actively contribute to the agile development of cutting-edge prototypes.

EDUCATION

Bachelor of Science in Computer Science

University of Bucharest at Bucharest, 10. 2011 – 6. 2014

Skills

Languages

C#, C/C++, HTML5, CSS, JavaScript, TypeScript, Python, Golang

Frameworks

ASP.NET Core, ASP.NET MVC, ASP.NET Webform, WPF, SiteCore, M365, Blazor, React, Angular, Angular

Database

MSSQL, MySQL, PostgreSQL, Oracle, MongoDB, Redis

Paradigms

Microservice Architecture, Agile Methods, System Design Pattern

Cloud

Azure, GCP, Docker, Kubernetes, Jenkins

Other

Blockchain Technology, Consensus Algorithms, Smart Contracts, OpenCV