ONITIU COSMIN STEFAN

Ploiești, RO • onitiucosmin@yahoo.com • (+40) 726 416 993 • linkedin.com/in/cosmin-onitiu-047ba11b2

Experience

02/2023 – PRESENT
Software Engineer | Fluxsolve – Independent Worker | Ploiesti, Romania

Create web applications using Web Tech Stacks, and various web builders (Webflow, Bubble, Wordpress), resulting in tailored solutions for applications ranging from 10 to 10000 users.

- Defined and implemented a scalable .NET / EF Core Clean Architecture utilizing MediatR, Event Buses, and a monolith approach, adhering to Domain Driven Design principles that integrates seamlessly with an Angular frontend through 1:1 parity Data Transfer Objects.
- Leveraged responsive design principles and user experience best practices to optimize websites and web applications for all devices, enhancing accessibility and user satisfaction by up to 40%.
- Partner with clients to gather requirements, translating them into domain driven solutions which improved code security and logic (reducing codebase size by 10 - 20%).
- Oversee project timelines and budgets, ensuring timely delivery within the agreed scope and resource allocation, streamlining the development process by up to 2-3 days per sprint.

Base Technical Skills: Typescript, Angular, React, C#, .NET, Microsoft SQL, Docker, Domain Driven Design, Azure

09/2022 – PRESENT
Fullstack Developer | ValeoIT | Timisoara, Romania

Led the development of Angular frontend architecture, leveraging sophisticated software patterns including component factories, singletons, stores, and services, enabling up to 30% faster client deliverables and was promoted after 3 months due to strong performance and proactive approach.

- Spearheaded the data access layers creation using Entity Framework Core and SQL Server, utilizing LINQ for efficient querying and data filtering and Aggregates, resulting in a 20% reduction in database calls and reduced DTOs scope.
- Collaborated with a team of 3 people to lead the development of an Machine Learning Model, using PySpark for Data collection and cleaning, then using Pandas + ScikitLearn to explore the Model options and optimize the training and parameters, resulting in a model that resolved business cases with a 90% accuracy.
- Implemented DevOps tools like RabbitMQ Message Broker, Vault, AWS with Terraform deployment services for scalability and monitoring solutions, and Azure DevOps for continuous integration and deployment (CI/CD) + Automated Testing to enhance security and reduce code bulk by 10%.
- Contributed to the company codebase with 3 projects that use other tech stacks (React, Next, Astro - Django, Go) to use as base for business needs that requires a different approach regarding the technologies used
- Participated in Agile teams,, sprint planning, and retrospective meetings to enhance team collaboration, supervised code reviews and provided mentorship to junior developers, making their onboard process as short as 2-3 weeks on the projects.

Base Technical Skills: TypeScript, Angular (+ RxJs, NgRx), React (+ Next, Redux), HTML, CSS/SCSS/SASS, C#, .NET, Python, Django, Machine Learning, ScikitLearn, Docker, Azure, AWS, DevOps

06/2021 – 06/2022
Software Engineer | Morgan Stanley | Budapest, Hungary

Responsible for scaling and supporting a large-scale trading and risk management application used by shareholders.

- Documented and maintained software functionality by examining and refactoring the codebase, and adding new features using modern APIs, reducing legacy code.
- Reduced application load by improving algorithms and deploying individual services on dedicated hosts, achieving a 10% load reduction and a 5-second improvement in trade delays.
- Planned timelines, conducted risk assessments, and established regular feedback loops with clients, resulting in hundreds of requests completed in a short time frame after onboarding

Base Technical Skills: C++, Python, Scala, Perl, Git, Jenkins, Bash, Unix

05/2021 - 05/2021
Node.js Intern | OSF Digital | Bucuresti, Romania

Completed an intensive internship program at OSF Digital, where I created an e-commerce platform utilizing provided endpoints for data inputs, gaining practical experience in JavaScript, HTML, and CSS basics.

Base Technical Skills: JavaScript, HTML, CSS, jQuery library, AJAX, Bootstrap, Node.js, Express, MongoDB, and REST APIs

03/2019 - 05/2019
C++ Intern | Siemens | Brasov Romania

Collaborated with a task-force team to define and implement a control access system, utilizing Microsoft Visual Studio and the C++ language.

- Developed a virtual interface using the Qt framework, emphasizing Object-Oriented Programming principles for enhanced functionality.
- Seamless integration between the main program and a MySQL database, facilitating efficient data management and access control.

Education

2016 - 2020
Bachelor of Engineering, Aerospace Engineering | Transilvania University | Brasov Romania

Bachelor's Thesis - Software and hardware design of a rescue drone, which included creating and using simulating the networking of the drone using network tools (OPNET) and programming the active components of the drone and control module (NodeMCU) using Arduino

Additional Information

Languages: Fluent in Romania, English (C2)