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ANDRII LETSKALIUK - SOFTWARE ENGINEER (FULL STACK .NET, REACT.JS)

SUMMARY

- I am a results-driven **full stack .NET, React.js** software engineer (software engineer / key developer) with a strong understanding of software development processes. I have effectively collaborated within Agile frameworks, to be a part of ensuring efficient team organization and successful project delivery.
- Skilled in UI development using React.js, Redux, Material UI.
- Technical design and implementation, collaborating with business analysts and product owners to deliver new features.
- Consultation on functionality and quick adoption of new tools and technologies.
- Proficient in .NET and C#, with a primary focus on development and deployment.
- Expertise in REST API, Web API, Open API, Core, and MVC.
- Experience with tools and platforms including Jenkins pipeline, Azure, AWS services (EC2), Docker, React, MS SQL, PostgreSQL, SQLite, and Ubuntu.
- Strong skills in writing tests, including unit tests, performance tests, and integration tests.
- General Management: Scrum, Agile

SKILLS

Academic Disciplines

- **Humanities:** Ukrainian, English
- **Applied Sciences:** OOP, Software Engineering Techniques, Microservice Architecture Pattern, Software Development, Algorithms & Data structures, Test-Driven Development, REST, SOLID (object-oriented design principles), Dependency injection.

Engineering Practices

- **Intelligent Enterprise:** MS SQL.SQL
- **Cloud:** AWS, Azure Cloud
- **Advanced Technology:** Troubleshooting, CI/CD, Software Engineering Practices, .NET Asynchronous and Multithreading Programming, .NET Unit and Integration Testing, .NET ORM, .NET Web Development, Cloud Fundamentals, .NET
- **Quality Engineering:** Unit Testing

Leadership & Soft Skills

- **Ownership:** Problem-solving, Ownership

Technologies

- **UI:** React.js, Next.js, Redux
- **Data:** PostgreSQL, Entity Framework Core, Microsoft SQL Server
- **Standard:** OpenAPI Specification (OAS), Azure Virtual Machines, Security Protocols and Standards, YAML, Git, Message Brokers (MQ), AJAX
- **Framework:** ReactJS, Entity Framework, xUnit, Bootstrap CSS, Workflow Core, NUnit, MailKit, jQuery, Redux, ASP.NET MVC
- **IDE:** Visual Studio
- **Other:** REST API, Docker Containers security, .NET API Development & Integration, ASP.NET AJAX, ASP.NET Web API
- **Web/Application Server:** ADO.NET, ASP.NET, Nginx, .NET Framework
- **Computer Language:** JavaScript, LINQ, SQL, HTML, C#
- **Solution:** Gitlab CI, RabbitMQ, Microsoft Excel, Microsoft Power BI, DBeaver, Quartz.NET, Visual Studio Code, Gitlab, Jenkins, Sonar, Jira, Postman, Amazon EC2, Apache JMeter
- **Operating System:** Linux
- **Platform:** Amazon Web Services, Docker, Microsoft Azure

WORK EXPERIENCE

Jan 2022 - Present - Key-Developer & Software Engineer <https://epam.com>

Notable Projects:

- **NAFS Digital Banking Center Of Excellence (Mar 2023 - Present):** As a Key Developer in this transformative project for MambuTracker's statistical data analysis, led a team of 6 in planning, executing, and delivering critical banking solutions. Spearheaded development efforts to enhance data aggregation with PowerBI, refactor services for microservice architecture, and innovate with design patterns for efficient system integration. Key technologies: SQLite, AWS, k8s, Power BI, Visual Studio 2022, Jira, Git Extensions, Postman.
- **EBSCO-Novelist (Apr 2022 - Dec 2022):** Engaged as a .NET Developer, focused on scaling open-api services for EBSCO's NovelList dataset, enhancing system's ability to handle thousands of requests per second. Led the implementation of rigorous testing frameworks and AWS integration, contributing to the seamless expansion and optimization of service functionalities. Key technologies: MS SQL, PostgreSQL, .NET Core 3.1, AWS, Jenkins, Rally, Visual Studio 2019/2022.
- **DonorApp (Android/iOS) (Mar 2022 - Apr 2022):** Contributed as a .NET Developer on a non-commercial project aimed at facilitating blood donations. Developed Web API endpoints, crafted testable components, and engaged in comprehensive code refactoring. Key technologies: PostgreSQL, .NET Core 3.1/5.0, Visual Studio 2019/2022, DBeaver, Postman.

Key Contributions:

- Led project planning, task distribution, and progress tracking, enhancing team productivity and project delivery timelines.
- Facilitated requirement gathering sessions with stakeholders, ensuring project alignment with business goals.
- Pioneered the recruitment and onboarding of new team members, fostering a collaborative team environment.
- Advocated for and implemented microservice architectures, improving system scalability and maintainability.
- Excelled in utilizing a variety of development tools and technologies, including advanced frameworks and cloud services.

Technologies & Tools: Proficient in Power BI, Visual Studio, DBeaver, Jira, Postman, Git Extensions, SQL, .NET Core, AWS, Kubernetes, LINQ, microservices, and monolithic architectures. Demonstrated expertise in applying best practices for software development, including design patterns and DevOps collaboration.

Mar-2021 - Sep-2022 - Full Stack developer (ReactJS/Redux, JS, core 5, 6), Private Pediatrician, <https://doctorgogol.com>

Customer: Gogol Lesia - pediatrician, endocrinologist

Project Description: Development Software:

1. Developed the UI (React.js, Redux, JS, Material UI, Bootstrap, Google Sign in) and backend components, including working with the PostgreSQL database.
2. Created user interfaces for patients, implementing features such as appointment scheduling, map integration, registration, and login functionality.
3. Collaborated closely with customers to develop an administrative section, which included managing appointments, writing advisory opinions, and implementing a Telegram bot for convenient access to details without PC access.

Deployment Software:

1. Managed server deployment by renting an Ubuntu 18 LTS server.
2. Facilitated domain registration to establish an online presence for the software.
3. Provided ongoing support and software updates, ensuring the smooth operation and maintenance of the system

Team Size: Full stack software engineer

Project Roles: Developer, PM, Architect, QA, DevOps

Responsibilities:

Worked with Customers

- 1. Collaborated with customers to develop a user interface for patients, enabling them to make appointments or decline them while receiving SMS notifications. Integrated DoctorGogol mobile address registration, clinic location on the map, registration and login functionality, and contact details
- 2. Created an administrative interface for pediatricians, including a list of appointments, a private Telegram bot for accessing appointment information or searching patients by name, and advisory opinion management

Developed the DB layer for efficient data management.

- 1. Implemented the UI layer to provide a user-friendly interface
- 2. Designed the Business layer to handle the core functionality and logic of the application

- 3. Established the Deployment layer for seamless project deployment
- 4. Implemented the Testing layer to ensure the reliability and quality of the software

Deployment

- 1. Successfully deployed the project on a VPS (Virtual Private Server - Contabo.com provider)

Tools and Technologies: React/Redux, JavaScript, Material UI, PostgreSQL, DBeaver, Linux 18.04LTS, VPS, MobaXTerm, MS Visual Studio 2019, MS Visual Studio 2022 Preview, MS Visual Studio Code, Photoshop, Contabo., .NET CORE 5, 6, PostgreSQL, Telegram Bot 17, 18

Feb-2021 - Jan-2022 - Full stack .net developer, Precision Zone inc., <https://precisionzone.com/>

Customer: Precision Zone, Icarus

Project Description: Industrial electronic (repair, sale). Company provides electronic and mechanical repairs, exchanges and sales of industrial numeric controls, robotic, automation, motion control products and tooling. They support CNC, Robotics, Motion Tools, Automation, fabrication and many related industries

Team Size: 2 - full-stack developers;

1 - team leader;

1 - architect;

1 - QA;

2 - customers

Project Roles: junior specialist

Responsibilities:

Main Responsibilities

- 1. Developed code for the 'admin' part (include UI - JavaScript), implementing essential features and functionalities

Additional Responsibilities

- 2. Created code for the UI (JS) and backend components, ensuring seamless user interaction
- 3. Wrote efficient and optimized stored procedures to enhance database operations
- 4. Performed rigorous bug searching and code rewriting, particularly in the UI section and functions, to improve software quality and resolve issues
- 5. Conducted periodic testing to ensure the reliability and functionality of the software

Tools and Technologies: JavaScript, MSSQL, MS SQL Server Management Studio 18, Microsoft Visual Studio 2017, Microsoft Visual Studio Code, Sourcetree., .net 4.5, .net 4.7, JS, CSS, HTML, JQuery, WebForms, Zeplin, Figma

Nov-2020 - Jan-2021: Self-Employed CV Development, <https://simple.net.ua/>

During this period, I worked on developing and enhancing my own CV to showcase my skills and experience.

Tools and Technologies: JavaScript, CSS, Bootstrap, Google Sign in, PostgreSQL, DBeaver, Linux 18.04LTS, VPS, MobaXTerm, Visual Studio, Visual Studio Code, .NET

2019 - Nov-2020 C#, C++ developer, freelance

Customer: from Ukraine

Project Description: Developed logical 2D games for children, including Battleship, Tetris, and Worms game.

Project Roles: junior developer

Responsibilities:

- Developed the logical part of 2D games.
- Collaborated with senior developers on game features.
- Debugged and resolved code issues for smooth gameplay.
- Participated in code reviews to ensure coding standards.
- Conducted research on emerging game development technologies.
- Contributed to game optimization and performance improvements.

Tools and Technologies: OOP, MSSQL, MS SQL Server Management Studio, Microsoft Visual Studio 2017, GitLub, .NET 4.5

Mar.2018-Sep.2018 C++ developer, freelance

Customer: from Ukraine (start-up)

Project Description: Development of an Arduino-based irrigation system using C and C++.

Team Size: 2 - full-stack developers,

1 - customer

Project Roles: junior developer

Responsibilities:

Main Responsibilities

- 1. Developed the logical part which include remote turning on irritation system (GPRS signal for sim-card in Arduino system).

Additional Responsibilities

- 1. Conducted testing of the system.
- 2. Calculated irrigation and water supply times.

1998-2000 Turbo Pascal - During my time in high school from 1998 to 2000, I extensively studied programming language.

EDUCATION

NATIONAL UNIVERSITY OF WATER MANAGEMENT AND NATURAL RESOURCES USE

Faculty/College: Economics and Business

Department: Business Economics

Specialty: Economist

Degree (diploma): Specialist

COMPUTER ACADEMY "STEP"

Faculty/College: Development Software

Specialty: Software Development

Degree (diploma): Technical School Graduate

NATIONAL UNIVERSITY OF WATER MANAGEMENT AND NATURAL RESOURCES USE

Faculty/College: Ecology And Land Management

Department: Water Supply

Specialty: Fishery Manager

Degree (diploma): Specialist