

DMITRII CHZHAO

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Education

Bachelor of Science in Computer Science

May 2020 – August 2022

Florida International University (FIU); Miami, FL

- GPA 3.8 | Dean's List: All Semesters

Experience

Elfen Software, Miami FL – Full Stack Developer

September 2022 – September 2024

- Developed and maintained dynamic web pages using .NET, Bootstrap v3, jQuery v3.3, CSS3, JSON, and C#, contributing to the front-end of a flagship SaaS product aimed at optimizing sales and profitability for small to mid-sized businesses.
- Built T-SQL stored procedures and functions, encapsulating complex business logic in the database to ensure data consistency and efficiency.
- Collaborated closely with the CTO, engineering team, and designers to build and improve user experiences in the application, addressing executive-level commercial strategy and online sales enablement.
- Created test scripts to validate the functionality of the application, implemented test data for various environments, and conducted unit and regression testing.
- Developed user-facing interfaces to support key business management functionalities such as sales orders, order fulfillment, and inventory management.
- Worked with technologies such as .NET, JavaScript, and CSS, following CI/CD pipelines, SOLID principles, and Clean Code methodologies.

Projects

Elevator Safety Incident Reporting Web Application (C#)

May 2022 – August 2022

- Enables citizens to report incidents, complaints, accidents, etc. related to elevators, escalators, moving walkways, etc. under Miami-Dade County's jurisdiction.
- Web application created using ASP.NET. Incident data submitted via web form is stored in a Microsoft SQL Server database.

Auditory Training App (JavaScript)

January 2022 – April 2022

- Application designed for adults with hearing loss who have received a cochlear implant and want to improve their hearing. Created using Node.js. Features include listening activities such as exercises and games with varying difficulty levels.

Skillset

- Programming Languages: C#, C++, JavaScript, SQL(Microsoft SQL Server Management Studio)
- Full stack development using C#, JavaScript, CSS, HTML, and T-SQL in ASP.NET framework.
- Database Management: SQL (Microsoft SQL Server Management Studio)
- General Skills: Algorithms, Data Structures, Git, Proficiency in Microsoft Excel and Word
- DevOps: Azure DevOps (Version Control, CI/CD, and DevOps practices)

Awards & Achievements

Winner – ShellHacks Hackathon 2022

- Developed and tested a Mixed Reality game on a Hololens 2 Headset using Mixed Reality Toolkit (MRTK) 3, Unity, and C#. This project won the Microsoft Mixed Reality challenge for its innovative use of MR technology.