
Arthur Strizheus

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Professional Summary

Highly ambitious and determined Software Engineer with over 6 years of experience in full-stack development, cloud computing, and data management. Proficient in a wide range of programming languages and frameworks, with a strong background in Agile methodologies and object-oriented programming. Proven track record of improving productivity through innovative solutions and efficient project management.

Technical Knowledge

- **Languages:** Python, Java, C, C#, C++, JavaScript, SQL, HTML, CSS, Ruby (Rails), and more
- **Frameworks:** React, Node.js, .NET, MVVM, MVC
- **Tools:** AWS, Firebase, Firestore, SQLServer, Bentley ProjectWise
- **Methodologies:** Agile, SCRUM
- **Other:** Unit Testing, debugging, troubleshooting, MS Office Suite, AI, machine learning
- Experience in Bentley cloud ProjectWise and with Bentley ProjectWise Document Management System.
- Completed Bentley ProjectWise Administrator training course.

Core Skills and Competencies

- Highly perceptive with excellent attention to detail and analytical skills
- Superior evaluative, time-management and problem-solving abilities
- Team oriented and energetic individual contributor
- Comfortable in the agile, fast-paced, multicultural work environments
- Experience with and understanding of SCRUM framework
- Ability to learn new technologies quickly and efficiently
- Excellent communication, interpersonal and organizational skills
- Language competency includes fluent English, Ukrainian, and Russian

Education

Geographic Information Systems (GIS)

GPA: 3.36

The Ohio State University, Columbus, OH

The core curriculum includes foundation in logic, programming, operating systems, mathematics, statistics, spatial data, database systems, geographic database design, and mapping.

Work Experience

Full Stack Developer

S.E.A Limited

July 2024 – Current

Columbus, OH

- Designed and developed web applications using React, Node.js, and SQL, enhancing user experience and application performance.
- Integrated and optimized APIs for seamless front-end and back-end communication, improving application functionality.
- Managed and optimized SQL databases, ensuring efficient data retrieval and integrity.
- Implemented CI/CD pipelines to streamline deployment and testing processes, increasing development efficiency.
- Collaborated with cross-functional teams to deliver high-quality software solutions aligned with business objectives.
- Developed and maintained technical documentation for code and system features, facilitating future maintenance.
- Troubleshoot and resolved technical issues in development and production environments, ensuring system reliability.
- Adhered to security best practices, implementing robust authentication and data protection measures.

June 2023 – July 2024

Columbus, OH

Data Administrator Manager 1

OHIO Department Of Transportation

- Installed software remotely and upgraded hardware, minimizing work interruptions and ensuring seamless operations.
 - Developed in-house software for statewide use.
 - Conducted machine performance testing and presented results at conferences to guide company IT investments.
 - Supported ProjectWise administration, ensuring data integrity and user efficiency, and managed project updates.
 - Troubleshoot and resolved technical issues, providing excellent service and maintaining productivity.
 - Scraped and organized data from Excel, web, and SQL databases into human-readable formats for analysis.
 - Developed APIs for automatic data retrieval and applications for data cleanup tasks using Visual Studio and C#.
 - Demonstrated leadership by managing a team and ensuring a productive work environment.
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Full Stack Developer

TeknoDevs LLC

July 2017 – Jan 2022

Columbus, OH

- Consulted with clients to enhance productivity through tailored software solutions, significantly improving workflow efficiency.
- Engineered and deployed a trucking company app, helping manage a fleet of 50+ trucks and streamline load finding.
- Evaluated customer needs and recommended software solutions, ensuring alignment with business goals.
- Developed standards for user interface design, data storage, security, and performance optimization for applications.
- Maintained a cloud-based database, ensuring data security and integrity using leading cloud storage solutions.
- Provided technical support and ensured timely resolution of issues, maintaining high client satisfaction.
- Gathered client specifications and engineered web applications from scratch using JavaScript, React, Node.js, HTML, and CSS.
- Integrated legacy systems into modern designs, enhancing usability and performance

College Intern, IT CADD and Mapping

OHIO Department Of Transportation

Jan 2022 – June 2023

Columbus, OH

- Created PowerShell scripts for data collection and analysis, enhancing data accuracy and reporting efficiency.
- Conducted system testing and troubleshooting, providing technical support and resolving issues promptly.
- Used scripting to scrape and organize data from Excel documents, improving data accessibility.
- Built applications for data cleanup using Visual Studio and C#, demonstrating strong technical skills.

Certifications

ProjectWise Administrator Training, Bentley Systems, Incorporated
February 2023

Projects

Educational Projects:

Created a language parser for a custom language, implemented Java types with different data structures, and developed sorting algorithms using various methodologies.

Personal Projects:

Developed a file management system for a church using Python and tkinter, created text-based RPG games in Java, built a kids' algebra learning app, and designed RPG games using Android Studio and GameMaker2.
