Linkedin
GitHub

Email : vadimkholodilo@gmail.com

Mobile : +1-931-252-9319

EDUCATION

- **Tennessee Tech University**   Cookeville, TN
  Bachelor of Science in Computer Science, Cybersecurity   *Aug. 2019 – May. 2024*

EXPERIENCE

- **Alliance Bernstein**   Nashville, TN
  Software Developer   *May 2022 - Aug. 2023*
  - Successfully implemented and deployed **3 microservices** for the order management platform, resulting in a **25% improvement** in system performance
  - Optimized SQL queries in Microsoft SQL Server, achieving **30% speed increase** for the Orders microservice
  - Streamlined the software delivery process by configuring and optimizing CI/CD pipelines in Azure DevOps for new and existing microservices, reducing deployment time by **50%**
  - Implemented background jobs which were executed on schedule or events using RabbitMQ as an event messaging system
  - Created data pipelines for an inhouse testing automation framework using python, and Pandas library
  - Collaborated closely with the QA team to address and resolve **100% of the bugs** assigned in Jira, ensuring a smooth bug fixing process and achieving a **95% reduction** in open bug count within a month
  - Provided regular progress updates during daily standups, enhancing team coordination and reducing reactionary efforts

- **Tennessee Tech University**   Cookeville, TN
  Software Developer (Indoor Navigation And Notification System For Visually Impaired People)   *Dec. 2020 - May 2022*
  - Developed and delivered a robust backend and administration panel for the system, leveraging cutting-edge technologies such as .NET, C#, PostgreSQL, React, TypeScript, Material UI, and Docker. Achieved a record-breaking time-to-market of **6 weeks**, surpassing the initial project timeline by **30%**
  - Seamlessly integrated the system with the university database to retrieve data about buildings and rooms, resulting in complete elimination of manual data entry and saving **10 hours** of work per week
  - Implemented caching for the system using Redis, achieving **50% performance increase** for the backend API
  - Regularly presented my work to the project team, ensuring that the project was on track and that all requirements were met
  - Successfully presented the system to the university administration, effectively capturing their attention and securing unanimous support for seamless implementation

- **Tennessee Tech University**   Cookeville, TN
  Research assistant   *Aug. 2019 - Dec. 2020*
  - Developed software research prototypes using **Python, JavaScript, C++, and Java**
  - Measured performance and evaluated the effectiveness of the prototypes
  - Presented research findings at conferences
  - Collaborated with other researchers in developing innovative solutions
  - Co-authored and published **7 papers** in reputed journals, contributing to the dissemination of impactful research findings in the field of computer science
  - Mentored and provided guidance to three new research assistants, fostering their growth and development in computer science

PROGRAMMING SKILLS

- **Languages**: C#, JavaScript, TypeScript, Python, Java, C++, C, SQL, HTML, CSS, Bash, PowerShell

- **Technologies**: Azure DevOps, .NET, React, RabbitMQ, Docker, Git, Linux, MSSQL, PostgreSQL, Redis, AWS, Azure, Jira, CI/CD, Node.js, Pandas