

EDUCATION

- **Tennessee Tech University** Cookeville, TeTN
Bachelor of Science in Computer Science with concentration in cybersecurity *Aug. 2019 – May. 2024*

EXPERIENCE

- **Alliance Bernstein** Nashville, TN
Software Developer *May 2022 - Aug. 2023*
 - **Microservices:** Developed microservices for order management platform using .NET and C#
 - **Performance Improvements:** Improved performance of Orders microservice by optimizing SQL queries in Microsoft SQL Server. As the result of my work, 30% speed increase had been achieved
 - **Azure DevOps:** Configured CI/CD pipelines in Azure DevOps for new and existing microservices
 - **Docker:** Containerized microservices using Docker
 - **Event-driven Jobs:** Implemented background jobs which were executed on schedule or events. RabbitMQ was used as an event messaging system.
 - **Data Engineering:** Created data pipelines for an inhouse testing automation framework using python and Pandas library
 - **Bug Fixes:** Fixed bugs which were assigned by QA in Jira
 - **Progress Reporting:** Reported my progress on daily standups
- **Tennessee Tech University** Cookeville, TN
Software Developer (Indoor Navigation And Notification System For Visually Impaired People) *Dec. 2020 - May 2022*
 - **Backend:** Developed backend for the system using .NET, C#, PostgreSQL
 - **Administration panel:** Developed administration panel for the system using React, Typescript, Material UI
 - **Integration:** Integrated the system with the university database to retrieve information about rooms and buildings
 - **Caching:** Implemented caching for the system using Redis
 - **Docker:** Containerized backend and administration panel using Docker
 - **CI/CD:** Configured CI/CD pipelines in GitHub with GitHub Actions for backend and administration panel
 - **Progress Reporting:** Reported my progress on weekly meetings
 - **Presentation:** Presented the system to the university administration
- **Tennessee Tech University** Cookeville, TN
Research assistant *Aug. 2019 - Dec. 2020*
 - **Software Development:** Developed software research prototypes using various programming languages such as Python, JavaScript, C++, and Java
 - **Performance Analysis:** Developed scripts to measure performance and evaluated the effectiveness of the developed prototypes
 - **Presentation:** Spoke at conferences and presented research findings to the audience
 - **Teamwork:** Collaborated with other researchers and team members in developing innovative solutions
 - **Data Analysis:** Assisted in data analysis and interpretation of research results
 - **Literature Review:** Conducted literature reviews to stay updated on the latest advancements in the field
 - **Writing:** Took part in Writing conference papers summarizing research findings
 - **Mentoring:** Mentored and provided guidance to new research assistants

PROGRAMMING SKILLS

- **Languages:** Bash, Python, Javascript, C++, SQL, C#, Html, CSS **Technologies:** Azure, .NET, React, RabbitMQ, Docker, Git, Linux, MSSQL, PostgreSQL, Redis