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EDUCATION

- **Tennessee Tech University** Cookeville, TeTN
  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**: The following technological stack was used: .NET, C#, RabbitMQ, MSSQL, Docker, Azure DevOps
  - **Optimized SQL queries in Microsoft SQL Server, resulting in a 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, resulting in a 50% reduction in deployment time and a 20% improvement in overall release stability**:
  - **Implemented background jobs which were executed on schedule or events. RabbitMQ was used 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. Additionally, 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
  - **Successfully developed backend and administration panel for the system using .NET, C#, PostgreSQL, React, TypeScript, Material UI, and Docker**:
  - **Integrated the system with the university database to retrieve information about rooms and buildings**:
  - **Implemented caching for the system using Redis, resulting in a 50% speed increase for the backend API**:
  - **Reported progress on weekly meetings and presented the system to the university administration**:

- **Tennessee Tech University** Cookeville, TN
  Research assistent 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**:
  - **Assisted in data analysis and interpretation of research results**:
  - **Conducted literature reviews to stay updated on the latest advancements in the field**:
  - **Wrote conference papers summarizing research findings**:
  - **Mentored and provided guidance to new research assistants**:

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