Linkedin
GitHub

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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*
  - Developed microservices for order management platform using .NET, C#, and Docker:
  - Optimized SQL queries in Microsoft SQL Server, resulting in a 30% speed increase for the Orders microservice:
  - Configured CI/CD pipelines in Azure DevOps for new and existing microservices:
  - 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 with QA to fix bugs assigned in Jira and provided regular progress updates during daily standups:

- **Tennessee Tech University** — Cookeville, TN

  Software Developer (Indoor Navigation And Notification System For Visually Impaired People) — *Dec. 2020 - May 2022*
  - 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:
  - Configured CI/CD pipelines in GitHub with GitHub Actions for backend and administration panel:
  - 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, GitHub Actions, CI/CD