


# Cherita Bronk

## Software Architect

Results-driven Software Architect with 5 years of experience in designing and implementing innovative software solutions. Proven track record in leveraging cutting-edge technologies to optimize system performance, streamline development processes, and enhance user experience. Strong background in data analysis, system integration, and agile methodologies. Adept at leading cross-functional teams and collaborating with stakeholders to deliver high-quality software products on-time and within budget.

[cherita.bronk@gmail.com](mailto:cherita.bronk@gmail.com) 

(458) 918-8820 

1234 Maple Street, Buffalo, NY   
14221

### Education

**Master of Science in  
Software Engineering at  
New York University Tandon  
School of Engineering, NY**

Sep 2014 - May 2018

Relevant Coursework: Software Design and Architecture, Data Structures and Algorithms, Operating Systems, Computer Networks, Database Systems, Cybersecurity, Artificial Intelligence, Machine Learning, Human-Computer Interaction, Software Quality Assurance, and Project Management.

### Links

[linkedin.com/in/cheritabronk](https://www.linkedin.com/in/cheritabronk)

### Skills

Microservices

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DevOps

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Kubernetes

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RESTful APIs

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GraphQL

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Docker

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Serverless

## Employment History

### Software Architect at Microsoft Corporation, NY

Apr 2023 - Present

- Led the development and successful launch of a scalable cloud-based application, resulting in a 40% increase in efficiency and reducing infrastructure costs by \$2 million annually.
- Designed and implemented a robust microservices architecture for a business intelligence platform, which streamlined data processing and enabled the onboarding of over 50 new enterprise clients within one year.
- Spearheaded the migration of a legacy system to a modernized, containerized platform, ultimately improving system performance by 30% and reducing maintenance costs by \$1.5 million per year.

### Associate Software Architect at IBM, NY

Jul 2018 - Mar 2023

- Led a team of 6 developers to successfully complete a critical application migration project, resulting in a 25% reduction in operational costs and a 15% increase in application performance.
- Designed and implemented a scalable microservices architecture for a major client's e-commerce platform, leading to a 40% improvement in the platform's response time and supporting a 30% growth in their customer base.
- Introduced automated testing practices within the development team, increasing code coverage by 50% and reducing software defects by 35%.
- Mentored 10 junior developers in software design principles and coding best practices, contributing to a 20% overall improvement in code quality across the team.

## Certificates

### AWS Certified Solutions Architect – Professional

Mar 2022

### TOGAF 9 Certification (The Open Group Architecture Framework)

Aug 2020