# Bhanu Murthy Allada

📧 [bhanumurthyallada07@gmail.com](mailto:bhanumurthyallada07@gmail.com?subject=Mail%20To) | 📞 +1 (203) 953-6164 | 🔗 LinkedIn: [linkedin.com/in/bhanumurthyallada](https://www.linkedin.com/in/bhanumurthyallada?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_contact_details%3BwhrqcWMXQB%2BqMClOYer8%2Fw%3D%3D)

## Professional Summary

Results-driven .NET Developer | Full Stack Engineer | Software Developer with 4+ years of experience building scalable applications using .NET (C#, ASP.NET MVC, .NET Core), Java, React, and SQL. Expertise in cloud technologies (Azure, AWS), CI/CD pipelines, and microservices architecture. Strong foundation in API development, database optimization, Agile methodologies, and DevOps practices. Passionate about delivering high-quality, production-ready software solutions that drive business value.

## Technical Skills

**Programming Languages:** C#, Java, Python, JavaScript, TypeScript, SQL, PL/SQL

**Web & Frameworks:** ASP.NET MVC, .NET Core, React.js, Angular, Node.js, Spring, Hibernate, Struts 2.0, Django

**Databases:** MySQL, PostgreSQL, MongoDB, NoSQL

**Cloud & DevOps:** Azure, AWS, Docker, Kubernetes, Terraform, Jenkins, CI/CD Pipelines, Azure DevOps, Serverless Functions

**Tools & Version Control:** Git, Jira, Maven, Gradle, N-Unit, JUnit, IBM Rational Clear Quest

**Development Methodologies:** Agile (Scrum), Test-Driven Development (TDD), Microservices

## Professional Experience

### .NET Full-Stack Developer | Databricks (Consulting) | Jan 2023 – Present

* Developed and maintained ASP.NET MVC and .NET Core applications, improving performance and scalability.
* Designed and optimized MySQL and PostgreSQL databases, reducing query execution time by 40%.
* Built and integrated React.js front-end applications with ASP.NET Web API and RESTful services.
* Deployed microservices using Kubernetes, Docker, and Jenkins pipelines for automated deployments.
* Implemented CI/CD pipelines using Azure DevOps, enhancing software release efficiency.
* Worked in an Agile Scrum environment, participating in sprint planning and code reviews.

### Software Developer (Internship) | U.S. Bank | Jun 2022 – Aug 2022

* Led accessibility UX design improvements, ensuring WCAG compliance across banking applications.
* Conducted automated accessibility testing and reduced manual auditing efforts by 40%.
* Developed React.js components for internal banking applications, enhancing usability.
* Optimized front-end performance, reducing page load time by 30%.
* Documented best practices for accessibility compliance, ensuring long-term adherence.

### Software Developer | SHA Associates (India) | Jun 2019 – Jul 2021

* Developed Java-based applications using Spring Boot, Hibernate, and RESTful APIs.
* Designed and implemented API security using OAuth 2.0, ensuring secure data transmission.
* Created interactive dashboards and reporting tools using Angular and Java.
* Optimized SQL queries, reducing database load by 35% and improving performance.
* Deployed applications on AWS using Terraform and Docker, enhancing scalability.
* Troubleshot production issues, maintaining 99.9% system uptime.

## Education

Master of Science in Computer Science (May 2023 – April 2025)  
University of Bridgeport, USA

Bachelor of Engineering in Electronics & Communication (Jun 2018 – May 2022)  
Dvr & Dr.HS MIC College of Technology, India

## Certifications

* Microsoft Certified: Azure Fundamentals
* AWS Certified Cloud Practitioner
* IBM Data Science Professional Certificate
* Google IT Automation with Python
* Azure DevOps Engineer (In Progress)

## Projects & Publications

* Design of Wide Band Semi-Circular Patch Antenna for 5G Mobile Applications [(Published in IJAST)](http://sersc.org/journals/index.php/IJAST/article/view/13100)
* Using IoT During COVID-19 for healthcare.
* Cloud-Based Internship Management System – Built using .NET Core and Azure Functions