# ARUN KULKARNI, MBA.c

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🔗 linkedin.com/in/arunkulkarni95 🌐 GitHub | Personal Site

## WEB ENGINEER

### FRONT-END & BACK-END / SOFTWARE DEVELOPMENT / TESTING & DEPLOYMENT

*Multifaceted and bilingual professional respected for developing outstanding software and web applications. Proficient in testing, technical design, team collaboration, cloud systems, CI/CD, and the delivery of quality code. Out-of-the-box thinker who consistently exceeds performance expectations.*

## CORE COMPETENCIES

| | |
|---|---|
| Software Development/Engineering | Web Applications, Front-End, Back-End, Full Stack |
| Team Collaboration & Communication | Testing, Deployments, Coding, QC |
| Cloud Services & Systems/New Technology | Project Management, Agile Practices |

## PROFESSIONAL EXPERIENCE

MESO SCALE DIAGNOSTICS

**Software Engineer I**                                                                 2022 – Present
- Noted for essential input to full-stack development of 5+ modern internal web-based applications to automate data collection and drive significant gains to productivity and profitability in manufacturing.
- Facilitated project timeline and requirements planning, becoming a go-to technical resource.

BASYS, INC.,

**Software Engineer/Associate Software Engineer**                          2021 – 2022
**Software Engineer Intern**                                                                       2021
- Designed, developed, and deployed 4 full-stack .NET applications that earned commendations from senior leadership. Worked in an Agile team of .NET developers using Scrum methodology and recommended new standard operating procedures to increase development efficiencies.
- Drove the full-scale establishment of a custom C# .NET application to automate a manual business process leveraging Azure, SOAP web services, and other solutions, saving potentially thousands of work hours without compromising goals for performance and quality results.

BALTIMORE DATA SCIENCE CORPS (NATIONAL SCIENCE FOUNDATION)

**Undergraduate Research Fellow**                                                       2020 – 2021
- Collected data to create numerical and geospatial models, showcasing an exceptional work ethic.
- Increased knowledge of smart cities, data exploration, machine learning, geospatial analysis, and data science ethics, all while coaching and supporting other fellows on the topics.

**Additional Experience**: Ashley Addiction Treatment, Clinical Aide, 2018 – 2021

## EDUCATION

**University of Maryland** (2024)
*Master of Business Administration (Candidate)*/Certificate, Technology Management

**Towson University**
*Bachelor of Science, Computer Science (Mathematics)* (GPA: 3.96)
- Coursework: Software Engineering, Web-Based Programming, Database Systems, Software QA and Testing
- Awards/Honors:  Summa Cum Laude, Dean's List

**Additional Education**: AWS Certified Cloud Practitioner (Candidate) / Triplebyte Certified

## TECHNICAL SKILLS

C#/ASP.NET Core, ReactJS (+ some NextJS), NodeJS, TypeScript, HTML, CSS, PHP, Cypress, JUnit, NUnit, GraphQL, MySQL/SQL/NoSQL Databases, RESTful API, Azure DevOps (Git, Agile Boards, CI/CD Pipelines), Azure Cloud Services, Python (matplotlib, pandas, scikit-learn), Jupyter Notebook, MS Office, AWS, IIS, DNS

## LANGUAGES

English, Spanish, Marathi

## COMMUNITY ENGAGEMENT

Eagle Scout, Boy Scouts of America

## INTERESTS

Playing the piano/drums/guitar (drummer for a local rock cover band), DJing and producing music, cooking Thai food, spending time with pet Goldendoodle