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 all 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

- Provide essential input to full-stack development of 5+ modern internal web-based applications (ReactJS + GraphQL (Hot Chocolate) implemented with ASP.NET Core) 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

- Contributed to the design, development, and deployment of 4 full-stack .NET applications that earned commendations from senior leadership. Worked in an Agile team of professional software developers using Scrum methodology and recommended new standard operating procedures to increase development efficiencies.
- Drove the full-scale establishment of a custom ASP.NET Core application to automate a manual business process leveraging Blazor Web Assemblies, 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, JavaScript/TypeScript, HTML/CSS, Cypress, Java, JUnit, NUnit, GraphQL, SQL/NoSQL Databases, RESTful API, Azure DevOps (Git, Agile Boards, CI/CD Pipelines), Azure Cloud Services, Python (matplotlib, pandas, scikit-learn), Tableau, 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 dog Oliver