ZACH NICHOLS

Software Developer

OBJECTIVE

I am a driven, reliable, and creative software developer seeking to apply my proven skills in C#, ASP.NET, and SQL to deliver unique solutions for a software development company.

CONTACT INFORMATION

📞 317-460-6917

✉ ZNichols1131@gmail.com

in linkedin.com/in/NicholsZach

○ github.com/ZNichols1131

TECHNICAL SKILLS

LANGUAGES: C# ▪ ASP.NET ▪ SQL
CLOUD TECH: Azure ▪ GitHub
CI/CD: Agile ▪ Scrum ▪ Git
DATABASE/ORM: SQL Server
    Relational Databases
    Entity Framework
WEB TECH: HTML ▪ CSS ▪ APIs ▪
    MVC Responsive Web Design
    Bootstrap
TESTING TOOLS: MSTest

EDUCATION

Software Development Immersive Learning Cert. (Feb 2022)
Eleven Fifty Academy, Indianapolis, IN
Core Value Award - Leadership

Master of Science in Engineering Management (May 2018)
Purdue University, West Lafayette, IN

Bachelor of Science in Civil Engineering (May 2017)
Purdue University, West Lafayette, IN

PROFESSIONAL EXPERIENCE

Mechanical Engineer (May 2018-Oct 2021)
Mussett Nicholas & Associates, Indianapolis, IN
- Spearheaded steam distribution design for engine manufacturing campus through turnkey operation, employed pipe stress analysis, and executed on-site construction administration and quality assurance.
- Collaborated with multi-firm design team to deliver expedited designs for pharmaceutical formulation suite as part of Operation Warp Speed and headed controls sequencing and validation documentation.
- Forged strong ties and secured repeat business with Fortune 500 clients and the U.S. government.

Mechanical Engineering Graduate Intern (May 2017-Aug 2017)
Mussett Nicholas & Associates, Indianapolis, IN
- Identified opportunities for cost savings through data-driven analysis of commercial water usage and quantified improvements to building gas consumption.

Mechanical Engineering Intern (May 2016-Aug 2016)
Affiliated Engineers, Inc., Madison, WI

Mechanical Engineering Intern (May 2015-Aug 2015)
Mussett Nicholas & Associates, Indianapolis, IN

TECHNICAL PROJECTS

BeeGifted Gift Registry Website
ASP.NET app using MVC and N-tier architecture to deliver an all-occasion gift registry experience. See my work here.

Dungeons & Dragons **Character Creator**
ASP.NET API and console app that digitally supports character creation in the popular roleplaying game. See my work here.

My Portfolio

Problem Solving ▪ Visual Communication ▪ Customer Service
Critical Observation & Thinking ▪ Troubleshooting ▪ Creativity
Portfolio Development ▪ Agile Methodology ▪ Organization
Addressing & Resolving Business Challenges ▪ Creativity