



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

- Fishers, IN
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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 Certification (Feb 2022)
Eleven Fifty Academy, Indianapolis, IN

- Core Value Award - Leadership

M.S. in Engineering Management (May 2018)
Purdue University, West Lafayette, IN

B.S. in Civil Engineering with Highest Distinction (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

Transportation Engineering Intern (May 2014-Jan 2015)

Michael Baker Jr., Inc., 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