

David M Bry

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PROFILE

Seasoned .NET developer bringing 17+ years of unique experience from a variety of industries. With a history of solving complex problems and delivering innovative solutions, has accomplishments of improved curriculum processes at Tech Elevator, achieved a 20% increase in sales within 6 months at Traffic Safety Store, and cost savings of more than \$20,000/year at Dechert LLP. Adaptable, open to change, and quick to learn in new situations. Possesses Sherlock-like investigative skills to get to the root cause of technical issues.

SKILLS/KNOWLEDGE

Languages: C#, Java, SQL, HTML, CSS, JavaScript, PHP, Twig, Bash, PowerShell

Libraries/Frameworks: ASP.NET (Web APIs & MVC), Spring Boot, LINQ, Entity, Vue.js, Express.js

Other: Visual Studio, VS Code, IntelliJ, Git, GitHub, GitLab, Netlify, npm, Grav

PROFESSIONAL EXPERIENCE

Curriculum Developer

Jan 2020 - Present

Tech Elevator (Education)

Remote

Led team in refactoring project of splitting one day of content into two. Work included determining where additional content was needed, enhancing existing material, and updating the following days to utilize new patterns established. Resulted in greater student understanding of content and higher successful exercise submissions.

Developed curriculum versioning strategy and utility to bundle curriculum content spread over 30 repositories into one, with different amounts of content and folder structures to support the full-time, part-time, and enterprise programs, enabling Tech Elevator to rapidly iterate curriculum versions supporting more than 750 students across all programs.

Designed and coded new module capstone based on a popular mobile payment service for students to demonstrate knowledge in client/server web API code and SQL backed storage through DAO classes.

Produced new and revised current curriculum materials—tutorials, exercises, reading content, quizzes, and instructor lecture notes. Ported content between C# and Java.

Tech: C#, Java, MSTest, JUnit, Cypress, Microsoft SQL Server, PostgreSQL, Vue.js, HTML/CSS/JS, Docker, Markdown

Web Developer

Oct 2019 - Dec 2019

Bry's Marine (Marine Sales/Service)

Remote

Rebuilt and redesigned website on lightweight CMS with focus on SEO and better user experience.

Site: www.brysmarine.com

Tech: Grav CMS, PHP/Twig, jQuery, HTML/CSS/JS, DreamHost, Cloudinary

Software Engineer/Lead Software Engineer

Jul 2016 - Sep 2019

Traffic Safety Store (Traffic Safety/E-commerce)

Remote/Philadelphia, PA

Developed interactive sign designer that shows live preview as customer types and changes font size, color, and positioning. Resulted in more than \$36,000 of additional sales in the first 6 months.

www.trafficsafetystore.com/product/customization?productoptionid=4625

Doubled sales of vinyl roll-up signs by implementing a new stylish interface with built-in search bringing the most relevant signs to the top and supporting hundreds of different sign legends.

www.trafficsafetystore.com/traffic-signs/roll-up-48

Increased conversion rates of safety vests by 20% with enhanced site search and filtering capabilities that gave customers the ability to find products by size, color, material, and ANSI safety rating quickly.

www.trafficsafetystore.com/safety-vests

Created new admin interface achieving goals of unified login across all sites, better visibility into e-commerce & phone orders, and toggling on-sale/out-of-stock quickly for multiple products.

Sites: trafficsafetystore.com, parkingblock.com, trafficcones.com, airportsafetystore.com

Tech: ASP.NET (C# MVC), React, jQuery, HTML/CSS/JS, Microsoft SQL Server, SSRS, Elasticsearch, Cloudinary

IT Applications Developer Jan 2011 - Jul 2016
Dechert LLP (Litigation & Transactional Law) Philadelphia, PA
Boosted efficiency of General Counsel team saving over 10 hours/week with system to record ethical screens, manage access lists, and automatically secure digital documents & workspaces.
Saved firm over \$20,000/year with internal skills & experience tracking application. Developed dynamic and interactive front end based on Photoshop mockups designed by the marketing department.
Created custom interfaces using Okta & Box REST APIs to enable more customer service functions to be done by the Help Desk and IT Operations groups, resulting in less customer frustration and downtime.
Tech: ASP.NET (VB Web Forms, C# MVC), jQuery, HTML/CSS/JS, Microsoft SQL Server, SSRS, SSIS, iManage

Associate Software Engineer Feb 2010 - Jan 2011
Coventry First (Life Insurance Settlement) Fort Washington, PA
Increased productivity of Contract Analysis department by enhancing key system, enabling more data to be captured and tasks done more efficiently. Analyst daily calls increased 10-20% and significantly reduced backlog.
Designed a new system for annual maintenance review workflow with new approval request form and ability to track approval history. Decreased complexity of process, making it less error prone and less frustrating to the end users.
Tech: ASP.NET (VB Web Forms), VB.NET WinForms, HTML/CSS/JS, Microsoft SQL Server

Applications Developer Jan 2007 - Feb 2010
Capmark Financial Group, Inc. (Commercial Mortgage) Horsham, PA
Upgraded major finance application to ASP.NET 2.0 and implemented new features from business requests.
Worked with QA department to ensure full coverage of testing and an error-free release.

ASP.NET Developer Jun 2006 - Jan 2007
School of Tourism & Hospitality Management, Temple University (Education) Philadelphia, PA
Created ASP.NET web applications to demonstrate improved business methods for professionals in hospitality management, event planning, and risk prevention.

OTHER TECHNICAL EXPERIENCE

Pick For Me TV 2022
Developed website to pick a random episode from a user-defined list of TV shows. Utilized TMDB (The Movie Database) API, Vue.js front end, and Express.js back end.
pickforme.tv

PhilaGeek 2013 - 2014
Created iOS app for configuring routers running third-party firmware DD-WRT.

Bry's Marine 2010 - 2014
Developed custom interface for transmitting store inventory to manufacturer database searchable by all North American marine dealers. Part sales increased 10% helping clear out older and obsolete parts.
Rewrote text-based custom inventory program as WinForms application for use on modern Windows operating systems.

EDUCATION

Temple University College of Science & Technology 2007
Bachelor of Science, Information Science & Technology / Business Administration, magna cum laude

High Technology High School Web Development & Programming Track 2002
Named a "Star School" by NJ Department of Education, recipient of National Blue Ribbon Award, and consistently ranked within the top 20 high schools of New Jersey & US by many news organizations.

VOLUNTEER

International Student Volunteers - Australia 2004
Eagle Scout Award - Boy Scouts of America 2002