

David Bry

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Lead Software Engineer / Developer

Accomplished Lead Engineer bringing a commitment to excellence and a deep passion for coding. Known for consistently delivering high-quality results. Adaptable to change and skilled at turning challenges into opportunities with a proven track record of going above and beyond. Empowers, prepares, and mentors bootcamp students for entry level software engineer roles providing key programming concepts and skills needed to demonstrate technical proficiency. Expertly investigates, discovers, and solves technical problems providing improved user experience. Seeking employment in an organization with a mission that strives to make a meaningful difference in the world.

Technical Proficiencies

Languages: C#, Java, SQL, HTML, CSS, JavaScript, ES6, Bash, Markdown, PHP

Libraries/Frameworks: .NET, .NET Core, ASP.NET, Spring Boot, MSTest, JUnit, LINQ, Entity, jQuery, Vue.js, Express.js

Database Platforms: Microsoft SQL Server, PostgreSQL, SQLite

Industry Concepts: Full-stack, front-end, back-end, RDBMS, REST API, unit testing, source code management, cloud

Areas of Expertise

- Agile Methodology
- Subject Matter Expert
- Continuous Learner
- Front End
- Back End
- Product Development
- Mentor/Coach
- Troubleshooting
- Testing
- Technical Support
- Investigative
- Software Debugging
- Leadership
- Project Management
- Communication Skills
- Data Structures
- Algorithms
- Collaborative Team Player

Select Career Accomplishments

- **Team Collaboration** - Led team in refactoring significant content of curriculum, adding new material, enhancing existing content, and updating later projects to utilize new patterns established. Resulted in greater student understanding of concepts and 63% more students receiving passing exercise scores.
- **Technical Curriculum Development** - Designed new module capstone based on a popular mobile payment service for students to demonstrate knowledge in client-server REST API code and SQL backed storage.
- **Product Design** - Generated more than \$36,000 of additional sales by developing new interactive sign designer showing live preview as customer and types and changes font size, color, and positioning.
- **Front End Development** - Saved firm over \$20,000/year with internal skills & experience tracking application. Implemented interactive front end based on Photoshop mockups designed by the marketing department.

Projects

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) REST API, Vue.js front end, and Express.js back end.
- Site: pickforme.tv

DD-WRT Mobile

2013 - 2016

- Wrote iOS app in Objective-C 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.

Career Experience

Curriculum Developer, Tech Elevator, Remote Jan 2020 - present

- Developed curriculum versioning strategy, bundling learning material from over 30 repositories into LMS and cohort repository supporting consumer and enterprise product offerings, enabling Tech Elevator to rapidly iterate curriculum versions supporting more than 500 concurrent students across all programs.
- Designed RESTful API systems for student labs providing real-world examples of API integrations with applications.
- Tech: C#, Java, ASP.NET, Spring Boot, MSTest, JUnit, SQL Server, PostgreSQL, HTML/CSS/JS, Vue.js, Cypress, Docker

Web Developer, Bry's Marine, Remote Oct 2019 – Dec 2019

- Elevated sales 12% with redesigned website built on lightweight CMS with focus on SEO and improved user experience.
- Site: www.brysmarine.com
- Tech: Grav CMS, PHP/Twig, jQuery, HTML/CSS/JS, DreamHost, Cloudinary

Software Engineer / Lead Software Engineer, Traffic Safety Store, Remote/Philadelphia, PA Jul 2016 – Sep 2019

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

IT Applications Developer, Dechert LLP, Philadelphia, PA Jan 2011 – July 2016

- Boosted efficiency of General Counsel team saving over 10 hours per week with system to record ethical screens, manage access lists, and automatically secure digital documents & workspaces.
- Tech: ASP.NET (VB Web Forms, C# MVC), jQuery, HTML/CSS/JS, Microsoft SQL Server, SSRS, SSIS, iManage

Associate Software Engineer, Coventry First, Fort Washington, PA Feb 2010 – Jan 2011

- Improved productivity of Contract Analysis department by enhancing key system, enabling more data to be captured, and efficiently complete tasks. Analyst daily calls increased 10-20% and reduced backlog.
- Tech: ASP.NET (VB Web Forms), VB.NET WinForms, HTML/CSS/JS, Microsoft SQL Server

Applications Developer, Capmark Financial Group, Inc., Horsham, PA Jan 2007 – Feb 2010

- Ported mission-critical process to VB.NET Windows Service, improving reliability and reduced troubleshooting by 80%.
- Upgraded major finance application to ASP.NET 2.0 and implemented new features from business requirements.
- Tech: ASP.NET (VB Web Forms), HTML/CSS/JS, Microsoft SQL Server

NET Developer, School of Tourism & Hospitality Management, Temple University, Philadelphia, PA Jan 2007 – Feb 2010

- Created ASP.NET web applications demonstrating and sharing knowledge for hospitality management professionals.
- Tech: ASP.NET (VB Web Forms), Classic ASP, HTML, Microsoft SQL Server

Education

Temple University | College of Science & Technology

- Bachelor of Science, Information Science & Technology / Business Administration, magna cum laude.

High Technology High School | Web Development & Programming Track

- 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 & United States by multiple organizations.

Volunteer Work

International Student Volunteers - Australia

Eagle Scout Award - Boy Scouts of America