BRADLEY BYARD

SOFTWARE ENGINEER / DATA ENGINEER

CONTACT

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EDUCATION

Masters of Software Engineering

University of Michigan Dearborn

2024-2025

Bachelors of Software Engineering

Southern New Hampshire University

2020-2022

Associate of General Studies

North Central Michigan College

2010-2013

Bachelors of Electrical Engineering
(unifinished, Switched Major to CIS)
Lake Superior State University

2014-2015

KEY PROJECTS

- Built the backend for a **new quality management system**, Integrating Infor Syteline ERP with a PHP Web Application using SQL jobs, stored procedures, and other modifications
- Many different **web applications** Including a rental site, a manufacturing hub, and a personal website using
- Create dynamic **Power BI reports** by extracting and transforming ERP data with optimized SQL to deliver actionable insights, driving informed decision-making and strategic business growth.
- Electrical Tech Project lead on a **Disney project** for an Automated Disney Ride.
- Many More, Just ask!

PERSONAL NOTE

As a software and data engineer, I am committed to continuous learning, growth, and delivering impactful solutions through innovation and expertise.

WORK EXPERIENCE

Software Engineer / I.T. Supervisor

Moeller Aerospace   2021-Present

- Supervise an IT department (Infrastructure and Software)
- Software Development, SDLC, and Software Project Management
- Data Analytics, Power-BI, SQL
- Database management and administration
- Web Development
- System Administration
- HTML, CSS, js, Python, PHP, .NET, SQL, DAX, and more

Electronic Technician

Jervis B. Webb Company (Daifuku)   2018-2021

- Software and Hardware testing on Automated Electric Vehicles
- Troubleshoot complex hardware, software, and mechanical issues in mfg
- Read Electrical Schematics

3D Map Assembler

Lake Art LLC

- Assembled 3D laser etched wooden maps   2015-2018

SOFTWARE + DATA SKILLS

Programming Languages

C, C++, C# Java, Js, PHP, VB, Assembly, SQL, GIT

Front End + Back End Technologies

HTML, CSS, Tailwind CSS, Bootstrap, Javascript, React, Angular, Axios, Mongoose Node.js, Express.js, Python, Java, PHP, WAMP, LAMP, MEAN,

Databases

SQL (tables, functions, triggers, stored procedures), MySQL, SQLite, SSMS, MySQL workbench, Firebase, MongoDB, MariaDB, DynamoDB, PhpMyAdmin, ER models, Database Design for Relational Databases, DBA, SSRS Reports

Microsoft

Office 365 admin, Excel, Access, Word, PowerPoint, Power BI, Power Apps, Power Automate, Visio, VBA, Active Directory, Visual Studio, and more.

Data Analytics

Power BI, Python (Pandas, NumPy), Excel VBA, Dax

VM / Containters

VMWare, Virtual Box, Docker, Nginx

Networking / Cloud Technologies

Ethernet, HP Switches, Port Monitoring with Zabbix, TCP/IP, DNS, Fortinet, APs, PFSense, AWS, Azure, Wordpress

IDE / OS

Windows, Linux (Ubuntu, CentOS, Debian) , MacOS, Visual Studio Code, Visual Studio, Jupyter Notebook, PyCharm, Eclipse, Android Studio, Code Blocks

Other / I.T.

Veeam, Windows Server, Linux, Microsoft office, Office 365 admin, PC repair, Scrum, Agile, Waterfall, SDLC, I.T. Management, ERP, Infor Syteline, Shop-Trak, Doc-Trak, iis