

# Brandon DeHart

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## PROFESSIONAL SUMMARY

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Software Engineering Manager with 15+ years of experience leading cross-functional teams to deliver large-scale, reusable cloud platforms and data visualization systems in public health. Proven in full lifecycle delivery, compliance, and security, with strengths in client engagement, team leadership, and building innovative, inclusive engineering cultures.

## PROFESSIONAL EXPERIENCE

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### **BATTELLE MEMORIAL INSTITUTE, Atlanta, GA**

*Group Manager, Software Engineering, June 2022 – Present*

*Team Lead & Senior Software Engineer, Jan 2020 – May 2020*

*Team Lead & Principal Software Engineer, Jan 2015 – Dec 2019*

*Lead Software Engineer, Oct 2013 – Dec 2014*

- **Manage a cross-functional engineering division of 40+ staff** (software, data, QA, business analysis, and knowledge management) delivering **cloud-based platforms and data systems** for public health.
- **Recruit, hire, and mentor engineering talent**, driving staff development, workforce planning, performance evaluations, and fostering an **inclusive, growth-oriented culture**.
- **Shape product and services strategy** for the Health Analytics Division, including business development, sales and revenue planning, and operational resource management.
- **Program manage and technically lead multiple IT and data management contracts** totaling \$3.2M annually, ensuring **on-time, on-budget delivery** across a portfolio of high-visibility projects.
- **Partner with clients and stakeholders** to align projects with strategic goals, providing monthly status, financial reporting, and progress tracking using Earned Value Management.
- **Lead full lifecycle delivery** of custom web applications, such as [DataExplorer](#), enabling advanced data visualization and reporting for multiple federal government clients.
- **Architect and implement reusable, secure, and scalable data engineering processes** leveraging SQL Server, SAS, and Azure cloud technologies.

### **GENERAL ELECTRIC TRANSPORTATION Atlanta, GA**

*Software Systems Engineer, Apr 2013 – Oct 2013*

- Served as the primary System Engineer for the Express Yard rail car billing application suite.
- Gathered requirements from customers, designed requirements for future product enhancements and participated in product roadmap planning.
- Worked with customers, Association of American Railroads (AAR) and Railinc to design and implement auditing rules to prevent customers from being over charged on maintenance on rail cars as well as ensuring maintenance shops list all applicable charges.

### **BATTELLE MEMORIAL INSTITUTE, Columbus, OH**

*Lead Software Engineer, Jan 2013 – Mar 2013*

*Software Engineer II, Jan 2010 – Dec 2012*

*Software Engineer I, Nov 2008 – Dec 2009*

*Software Engineer Intern, Jan 2006 – Jan 2007*

- Technical lead of 8 engineers on a \$1.2 million annual IT support contract for CDC NEPHTN.
- Analyze and evaluate client's needs, data processes and design data driven software solutions.
- Coordinates with key stake holders to ensure tasks are being completed on time and within budget.

- Software engineering lead that provided enhancement and maintenance for a custom-built Web Application that drives data visualization and reporting for over 15GB of Health and Environmental data utilizing SQL Server, Java, JSP, Adobe Flex.
- Designed and implemented a reporting infrastructure for a secure portal utilizing Business Objects XI.
- Designed Integration Services packages for multiple state grantees to convert childhood lead surveillance data to CDC mandated system.
- Provided data engineering support on multiple CDC contracts to acquire, clean, process, and calculate data.

### **GENERAL ELECTRIC HEALTHCARE, Barrington, IL**

*Software Engineer, July 2007 – Nov 2008*

- Designed and developed a prototype C# server client application that provides clinically relevant notifications.
- Lead a team of five new hire engineers to develop a C# web application to evaluate patents.
- Assisted in designing and developing the data access layer for an internal web application.
- Researched and designed an interface for an Electronic Medical Record software emphasizing usability.

### **JP MORGAN CHASE, Columbus, OH**

*Extract Transform Load (ETL) Developer, Jan 2007 – July 2007*

- Provided development and tier 3 support to a large-scale Data Warehouse that managed terabytes of data.
- Worked with global stakeholders inside and outside of the organization.
- Developed enhancements, fixes as well as testing nightly, weekly and monthly ETL jobs.
- Coordinated efforts in transitioning and upgrading the ETL tools with a global team.

### **GENERAL ELECTRIC AVIATION, Cincinnati, OH**

*Software Developer Co-op, June 2003 – Sept 2005*

- Completed 5 fulltime co-op rotations (3 months in length) in 3 different departments.
- Developed and automated software solutions to support supply chain operations, including transitioning legacy HP-UX/DOS applications to Windows, building RS232 communication tools, and designing scripts and applications that streamlined processes and data analysis.

## **EDUCATION**

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### **THE OHIO STATE UNIVERSITY, Columbus, OH**

*Bachelor of Science in Computer Science & Engineering, December 2006*

## **SKILLS & TECHNOLOGIES**

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- Programming Languages & Frameworks: C#, Java, C/C++, Angular, JavaScript, TypeScript, HTML, VBA, Perl, Python, VBScript, ActionScript, Visual Basic.
- DevOps: Azure DevOps, Jenkins, Maven, Ant, Artifactory, Visual SVN, GIT, SonarQube, PowerShell.
- Databases & DB Tools: SQL Server, MySQL, Oracle, SQL Server Integration Services (SSIS), SQL Server Migration Assistant (SSMA), Bulk Copy Program (BCP), SQLCMD, RedGate.
- Web servers: IIS, Apache, Tomcat, WebLogic.
- Analytics & Business Intelligence in, SAS, PowerBI, Business Objects XI, Informatica PowerCenter.