

**Joseph F. Vaughn**

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## **Technical Skills**

### **Languages:**

**Fluent:** HTML/CSS, JavaScript, TypeScript, C/C++, Python, Java, MongoDB      **Familiar:** C#, mySQL, Unix, R, React.js  
**Frameworks/API/Source Control:** Node.js, Spring Boot, Angular 7-15, React, Google Maps, Maven, Git, Jenkins, GCP  
**Code Quality Tools:** SonarLint, 42 Crunch, SonarQube, Github Copilot  
**Software:** Eclipse, Microsoft Visual Studio's, MySQL Workshop, Microsoft Office's, Amazon Web Services, Oracle VM, Matlab, Adobe Creative Cloud(XD, Photoshop, Illustrator)

## **Work Experience**

**LHP Data Analytics & IoT Solutions.** Columbus, IN

**May 2021 to Present**

**IoT Consultant**

- Fullstack Engineer and IOT consultant working as a lead developer for a global Fortune 500 company.
- Collaborate in two-week sprints to develop user-friendly web interfaces for administrative management, significantly enhancing efficiency for factory supervisors globally.
- Lead the designs of many administration pages consisting of complex hierarchy tree structures, robot/machine error log views, and managing plant entities.
- Contribute to the upgrade and maintenance of core technologies, including Angular, Java Spring Boot, and Web security, ensuring applications remained at the forefront of performance and security standards.
- Utilized code quality tools (SonarLint, SonarQube, 42 Crunch) to uphold high standards of code integrity, leading to reduced bugs and improved maintainability.
- Responsible for training new developers on the team and mentoring them as they learned the stack.
- Interact with customers on a one-on-one basis to shadow them gaining feedback on our applications.
- Enhance the tech stack consisting of Angular, Java, and MongoDB deploying to Jenkins and Google Cloud Platform pipelines.

**Infosys.** Indianapolis, IN

**Aug 2019 to May 2021**

**Senior Software Consultant**

- Built a network platform within a team in an Agile environment for the VP of the Infosys Indianapolis regional hub, utilizing tools such as React, Oracle Databases, and Java Springboot intended to foster relations with clients and internal teams to achieve deliverables.
- Developed an MVP for Verizon while enhancing blockchain proficiency and maintaining team collaboration during the COVID-19 pandemic.
- Designed a clinical trial management web application using Angular Material, implementing REST APIs and role-based search features.
- Attended a 2-Month Infosys Training course that focused on Full Stack Development using Angular 7 with CSS Bootstrap 3.0 for frontend development and Java Spring Boot for backend development.

**Technology Center Consulting (UITS-IUPUI).** Indianapolis, IN

**Aug 2017 to Aug 2019**

**Consultant Supervisor**

- Supervised a team of IT consultants during day-to-day operations to provide help and mentorship in areas of troubleshooting, customer service, and maintaining equipment in labs.

## **Education**

**Purdue University – BS, Computer Science**

**Aug 2013 to May 2019**

Undergraduate Coursework:

- Theory of Computation & Algorithms
- Cybersecurity
- Data Science
- Software Engineering Principles & Design
- Web Development & Multimedia Information
- Computer Architecture & Operating Systems