

Jeremy Oosterbaan

Dallas, TX

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Reduced new mobile application development by 8 months, saving approximately \$250k per project, by building an internal mobile application framework. Application team lead who provided business & technical guidance to stakeholders, developers, contractors, and interns. Earned numerous awards, achieved several certifications, and delivered real business value while attending the University of Cincinnati.

SKILLS

Languages: Java, Kotlin, Swift, Python, C#, .NET, C++, MS Azure, AWS, HTML/CSS/JavaScript, JS D3

Tools: Android Studio, Xcode, SSMS, Postman, IntelliJ, VS & VS Code, Wireshark, CanKing, GitHub, Atlassian (Bitbucket, Jira, & Confluence), Docker, Jenkins/Maven, Kubernetes, ThingWorx, Kepware

EXPERIENCE

Associate Consultant

September 2025 - Present

Illumination Works, LLC, Dallas, TX

- Serving as a Software Engineer, building out IIoT infrastructures in various applications across the DoD.
- Leveraging Kepware for connectivity & data collection, while implementing ThingWorx for data consumption, analytics, & management.

Software Developer

August 2021 - May 2025

Performance Electronics Ltd., Cincinnati, OH

- Led other developers—ranging from experts in their field all the way down to junior developers & interns—on numerous projects, teaching proper development techniques, data flow & architectural patterns, etc.
- Revolutionized mobile app development at PE, designing & implementing a templated, modular architecture that cut average development times down from over 8 months to less than 2 weeks, and saved more than \$250,000.
- Served as product owner for a team of iOS developers, hired with the goal of creating an iOS equivalent to my Templated Android App Architecture mentioned above.
- Implemented numerous automated, efficient test systems which saved up to 40 hours a week on various projects ranging from mobile UI, firmware updates over BLE, Computer Vision LCD display testing, and more.
- Managed .NET API's & Azure cloud framework, with SQL databases for both production & QA.
- Headed releases for mobile apps, taking into consideration regional legal requirements & BLE regulations, and pulling legacy apps forward to meet the constantly evolving Android & iOS requirements.
- Served as a leader in the mobile & cloud departments, passing on my domain knowledge & guiding other professionals in key development practices.
- Helped lead the design & planning of a migration of cloud systems from MS Azure to AWS.

IT Contractor

July 2019 - May 2020

Global Natural Stones, Springboro, OH

- Collaborated with a countertop company to develop an innovative data management system, introducing new client management methods and doubling customer storage efficiency.
- Led a multi-faceted project featuring a JQuery kiosk/mobile app, .NET desktop admin application, and backend MongoDB database—securing first place in a competitive, regional competition judged by industry experts.

IT Contractor

Aug 2018 - May 2019

Brian Mihok, D.O. Inc., Dayton, OH

- Collaborated with an eye doctor to develop an innovative website, serving as a team of full-stack developers and delivering a tailored solution. Secured first place in a regional, judged competition for the project.

HONORS & AWARDS

Awards

- Best Senior Project of more than 50 Computer Science specific projects at University of Cincinnati 2025 CEAS Expo.
- Placed second in the 2020 IT Expo at University of Cincinnati.
- Placed second in Java Programming in 2020 Business Professionals of America Ohio Region 19 competition.
- Miami Valley Tech Prep Showcase Champion 2019 out of over 250 teams.

Certifications

- CompTia Security+
- TestOut PC Pro Certification.
- TestOut Desktop Pro Certification.
- TestOut Network Pro Certification.
- Cisco IT Essentials Certification.

EDUCATION

Bachelor of Science, Computer Science

University of Cincinnati, Cincinnati, OH

Graduated: May 2025

GPA: 3.7