

## TECHNICAL SKILLS

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- **Proficient:** JavaScript, C#, Node.js, Express, React, MongoDB, SCSS/CSS3, Git, Docker, Jenkins.
- **Exposure:** Python, AWS, PostgreSQL, RabbitMQ.

## EMPLOYMENT

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<b>Software Engineer</b>	<b>QCatalyst</b>	<b>April 2021 - Present</b>
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- Developed web applications and REST APIs using React, TypeScript/JavaScript, and Python.

<b>Full Stack Developer</b>	<b>Focus on the Family</b>	<b>Dec. 2016 - Sept. 2019</b>
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- Implemented user interfaces using HTML5, SCSS/CSS3, JavaScript.
- Developed REST APIs, services with C#/.NET.
- Led the development and on-schedule delivery of a new, componetized web product.
- Identified slow homepage and improved page load by 70% by implementing lazy-loading.
- Architected and implemented a solution for more automatized code deployments using Jenkins and PowerShell.
- Wrote unit and integration tests to ensure code quality and fast deployments using xUnit.
- Created a proof of concept app using React-Native (a React framework) that includes user authentication, a podcast player and state management using Redux.
- Saved 200 hours of manual processing by developing an XML to CSV conversion tool.
- Developed software using Agile methodologies (a combination of Kanban and Scrum best practices).

<b>Web Developer</b>	<b>Cedarville University</b>	<b>August 2015 - May 2016</b>
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- Gained the ability to translate stakeholder requests into software solutions by maintaining the school's website and web app using HTML5, CSS3 and JavaScript.

<b>Software Developer, Intern</b>	<b>LightSys Technology Services</b>	<b>Spring 2015</b>
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- Cultivated strong teamwork skills by developing a customizer for a widget using JavaScript, PHP, HTML and CSS3 on a team of 3 programmers.

## TECHNICAL EXPERIENCE

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### Projects

- **MENTOR.ME** (2020). Built a real-time scheduling web app using the MERN (MongoDB, ExpressJS, React, Node.js) stack and Socket.IO.
- **BatComm** (2015 - 2016). Developed an Android App that enables users to send data over 4 communication mediums (video, audio, still image, text). Avoided the "callback hell" by leveraging observable streams through ReactiveX.

## EDUCATION

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<b>B.S. in Computer Science</b>	<b>Cedarville University</b>	<b>Graduated 2016</b>
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