BRIAN WACH

FULL STACK WEB DEVELOPER

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Results-driven full stack web developer with a background in IT/AV technologies and a Master's Degree in Recording Arts. Recently transitioned to web development by completing a full stack coding boot camp and obtaining a certificate from Northwestern University. Detail-oriented and committed to exploring all possibilities to find the best solution. Adept at problem-solving and collaborating with others to develop custom applications that improve both workplace efficiency and daily life.

TECHNICAL SKILLS

React, JavaScript ES6+, CSS3, HTML5, Git, Tailwind CSS, Bootstrap, jQuery, Responsive Design, Python, Flask, Command Prompt, APIs, Node, Express, REST, MongoDB, Mongoose, GraphQL, PostgreSQL, Sequalize, MySQL, SQLAlchemy

PROJECTS

Checkrum | github.com/briandwach/checkrum | checkrum-jshn.onrender.com
- Summary: Inspection tracker for audio visual technologies in conference rooms.
- Role: Front end, back end, inspection cycle logic, inspection form, report filtering
- Tools: React, MongoDB, GraphQL, JWT, date-fns, Tailwind CSS, Daisy UI

Concert Sampler | github.com/briandwach/concertsampler | briandwach.github.io/concertsampler
- Summary: Spotify playlist generator using concert data by location.
- Role: Spotify Web API integration
- Tools: Spotify Web API, JamBase Concert API, JavaScript, Bootstrap, HTML, CSS

Just Tech News | github.com/briandwach/python-newsfeed | python-newsfeed-7lbt.onrender.com
- Summary: News feed for posting test articles, commenting, and upvoting.
- Role: Sole author
- Tools: Python, Flask, MySQL, SQLAlchemy

Coding Quiz | github.com/briandwach/codingassessment | briandwach.github.io/codingassessment
- Summary: Timed quiz that stores high scores in the browser.
- Role: Sole author
- Tools: JavaScript, Local storage, HTML, CSS

EDUCATION

Certificate, Full Stack Web Development Coding Boot Camp   Dec 2023 – Jun 2024
Northwestern University School of Professional Studies

Certificate, Certified Technology Specialist   Oct 2022
AVIXA: Audiovisual and Integrated Experience Association

Master of Music: Individualized Specialization in Recording Arts   2014 – 2016
Bachelor of Music: Emphasis in Percussion Performance   2011 – 2013
Northern Illinois University, Dekalb, IL

PROFESSIONAL EXPERIENCE

Waveguide LLC   **Chicago, IL**
Technical Services Manager   **Nov 2022 – Present**
- Designed and implemented creative solutions to elevate live productions and improve client engagement.
- Consulted on AV infrastructure improvements and changes across 8 global offices.
- Managed relationships with external AV vendors, optimizing service delivery and cost management.
- Developed ServiceNow reports and dashboards to streamline department workflows.
- Led a 6-month training program for ITSM staff, enhancing AV support and maintenance best practices.
- Authored 20+ technical document articles, increasing user support resources.

Multimedia Technician   **Aug 2021 – Nov 2022**
- Provided hands-on AV support for 450+ internal and client facing events.
- Resolved 600+ break/fix support tickets, boosting conference room technology stability.
- Performed routine preventative maintenance of AV systems for 200+ conference rooms.

Brella Productions   **Evanston, IL**
Freelance Streaming Technician   **Oct 2020 – Aug 2021**
- Operated live video streaming software (vMix and OBS) for large-scale online events.
- Facilitated corporate virtual meetings, adding production value and reducing technical issues.

Sound Investment AV   **Chicago, IL**
Audio Warehouse Supervisor   **Nov 2017 – Mar 2020**
- Trained and managed freelance staff (up to 5 at a time), ensuring consistent performance standards.
- Led the migration of audio inventory data to a cloud-based system, improving data accessibility.
- Maintained printers, VoIP services, security systems, and staff workstations for 30+ employees.

Audio Warehouse Assistant   **Jul 2016 – Nov 2017**
- Repaired and tested audio equipment, achieving a 99% quality performance rate.
- Configured audio equipment for 600+ events, ensuring optimal audio experiences.