

Jason Agyekum

Creative Technologist

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Innovative and creative technologist with over 8 years of experience in digital product design, development, and fostering a culture of innovation. Demonstrated expertise in bridging technology and luxury retail, with a strong background in front-end development, user experience, and emerging technologies. Adept at facilitating cross-functional collaboration and translating business requirements into innovative solutions.

Experience

2022-12 - 2024-10

Creative Technical Project Manager

Cartier North America, Innovation Lab, New York, NY

Led development of cutting-edge experiential technology solutions focused on human connection and engagement:

- Architected and implemented an AI-powered virtual try-on system using GANs, collaborating with ML researchers to create personalized product visualization experiences
- Transformed remote client interactions by developing a telepresence platform that increased engagement and conversion rates through innovative digital solutions
- Pioneered a remotely-controlled digital display system, reducing operational complexity while enhancing the user experience
- Led rapid prototyping initiatives for new retail concepts, managing the full development lifecycle from ideation to implementation
- Facilitated cross-functional collaboration between design, technology, and business teams to deliver innovative solutions
- Evaluated and integrated emerging technologies (AR/VR, AI/ML) to create novel human-computer interaction experiences

2021-04 - 2022-12

Full Stack Developer

Fingerpaint Marketing, Saratoga, NY

Developed innovative healthcare technology solutions focusing on user engagement and accessibility:

- Created intuitive user interfaces and libraries using React and Vue.js for flexibility and speed while emphasizing human-centered design principles
- Produced websites and software services for clients to solve niche issues in the healthcare space.
- Worked in Agile-driven environment to effectively maintain project timelines and utilize available resources.
- Spearheaded development of progressive web apps using modern frameworks to modernize legacy applications
- Collaborated with in-house web designers to create sleek and innovative UI design.
- Developed user-oriented visuals and features using front-end languages to increase site traffic.

2019-08 - 2021-04

Interactive Developer

GSW Advertising, New York, NY

- Provided front-end website development for companies using WordPress, SiteCore, and various CMS.
- Planned website development, converting mockups into usable web presence with HTML, JavaScript, and interactive libraries.
- Integrated REST APIs and GraphQL endpoints for dynamic content management
- Built and styled new mobile-friendly websites, transitioning legacy presentations to simultaneous easy-to-use versions.

2019-08 - 2019-12

Adjunct Professor

Parsons School of Design, New York

- Taught Creative Computing courses to graduate students assisting them building out their thesis projects and documentation
- Developed curriculum incorporating p5.js, Three.js, and other creative coding frameworks

2018-03 - 2018-09

Graduate Teaching Fellow

Parsons School of Design, New York

- Created lesson materials, visuals and digital presentations to supplement lesson plans.
- Designing the syllabus for a web/front-end programming course along with other teaching fellows, an intensive 3-week program for 88 incoming MFA Design and Technology students.
- Led workshops on JavaScript, modern frameworks, and creative coding libraries

2017-06 - 2019-06

Web Developer

The New School, New York

- Drafted customized layout and wireframes based on predetermined parameters and expectations.
- Conducted functional testing over course of web development lifecycle.
- Strengthened organizational intranet program and sub-sites to bolster internal communication strategies.

2015-01 - 2017-06

Web Developer

Boogie, Albany

- Collaborated with project managers, representing web team to establish project goals, projections, and milestones.
- Implemented SEO and helped manage the outreach campaigns and listicles
- Worked with the design team to build beautiful and functional websites

Education

2017-08 - 2019-05

Design and Technology, Masters of Fine Arts

Parsons School of Design, New York

2016-05 - 2012-09

Information Technology, Bachelor of Science

University at Albany, Albany

Skills

Frontend: React, NextJS, TypeScript, Vite, Tailwind CSS, Shadcn/UI, Vue, Angular

Backend: Node.js, PostgreSQL, GraphQL, REST APIs

E-commerce: Shopify Development, Custom Storefront API, Shopify Apps, WooCommerce, Custom Builds

AI/ML & Creative: LLM Integration, Various API's, WebGL, P5.js, Three.js

Enterprise Tools: Salesforce, Veeva, Cegid, SAP, Workday, Oracle