

Steven Espinal

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EXPERIENCE

Software Engineer, BrightInsight, New York, NY

Oct 2022 – Jan 2025

- Enhanced health monitoring by developing a React/TypeScript health portal, improving patient data accessibility for clinicians through secure visualization of device metrics (e.g., diabetes, blood pressure) via interactive charts.
- Optimized API request efficiency, cutting redundant data fetches by 70%, reducing server load and cloud costs by 35% across Dev, Stage, QA, and Production environments.
- Ensured regulatory compliance (audit readiness) and streamlined future development by authoring comprehensive technical documentation (API specifications, system designs, workflows) in Jama and Confluence.

Software Engineer, Cazton (Contract to Hire), New York, NY

Jan 2022 – Oct 2022

- Rapidly enhanced platform flexibility during the contract period by implementing a dynamic component rendering system based on configuration files, laying groundwork for multi tenancy features within the first month.
- Facilitated successful feature delivery for the BrightInsight platform through close collaboration with cross functional stakeholders (QA, PMs, backend), leading to a full time offer based on performance and contributions.

Software Engineer, PLNETWORKS SRL, New York, NY

Jan 2020 – Jan 2022

- Led a team of 3 engineers, improving feature delivery by 20% through rigorous code reviews, strategic technical roadmap discussions, sprint planning, and mentoring junior developers.
 - Automated data entry workflows using Node.js, Google Vision AI, and Puppeteer, eliminating tedious manual workflows, saving significant company time, and enabling the creation of new data validation roles.
 - Collaborated directly with the CTO on the full end to end development cycle, building proxy servers and microservices from frontend to backend.
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RELEVANT PROJECTS

[Players Circle - Sports News and Live Scores Platform \(React / TypeScript / Websockets / Node\)](#)

- Developed and maintained a real time sports news platform delivering live scores and news updates using React, TypeScript, Websockets, and Node.js.

[Interactive Web Development Learning Platform \(React / TypeScript / Next\)](#)

- Developed an interactive coding environment using Next.js, enabling real time code execution, terminal access, and live previews for various web technologies (React, JS, HTML, CSS).

[Street Lines - Sports Lines Platform \(React / TypeScript\)](#)

- Built a sports analysis platform delivering near real time player props, betting lines, and statistics for various sports leagues using websockets.
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SKILLS

JavaScript, TypeScript, React, React Native, Redux, Next.js, Node.js, SQL, MongoDB, PostgreSQL, Tailwind CSS, Git, Jest, Expo, Websockets, Puppeteer, Vite, Jama, Confluence, Agile, AWS, Google Cloud Platform (GCP).

EDUCATION

Bachelor of Science in Computer Science, Western Governors University

Fall 2025

Columbia Engineering Coding Boot Camp, Columbia University

Aug 2019