

# Brittani S. Avery

## Senior Software Engineer

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### SKILLS

Javascript | Typescript | C#.NET | Java | React.js | React Context | Redux | Next.js | Astro | Node.js | Express | Nest.js | Sass | MySQL | PostgreSQL | MongoDB | REST API | Jest | Vite | Vitest | React Testing Library | Github Actions | AWS | Material UI | Storybook | Styled Components | Tailwind | HTML | CSS | Git

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### WORK EXPERIENCE

Senior Software Engineer | Storyblocks | Arlington, VA (Remote) 2024–2025

- Collaborated with stakeholders on design simplifications and performance improvements for overhauled customer support portal
- Merged new subscription management system with legacy billing platform on customer support portal, allowing support seamless access to customer data despite multi-month migration
- Developed improved image encoding service, saving several minutes while processing thousands of pictures

Senior Full Stack Engineer (Consultant) | Turnberry Solutions | Minneapolis, MN 2022–2024 (Remote)

- Lead frontend design of salary database using client wireframes as reference, returning project to proper timeline after six-week delay
- Implemented mock API for local frontend environment to allow continuous development despite errors or outages from backend
- Recreated a digital version of an in-store grocery receipt in Typescript and React, decreasing response time of customer support by 50%
- Analyzed 9.98 million rows of customer data to sync up discrepancies between databases

Senior Software Engineer | Simple Health (defunct) | Remote 2022

- Integrated the complexity of insurance-based payments for SimpleHealth, allowing more options for women and people with ovaries to get birth control easily
- Intercepted insurance API events and verified insurance copay amounts to charge customers correctly
- Built an automatic process to re-send previously failed messages (e.g. outages) to prevent the loss of information between SimpleHealth and the pharmacy

Full Stack Engineer | Science37 | Morrisville, NC (Remote) 2021–2022

- Standardized API with Express and Node.js, focusing on best coding practices, unit testing, and documentation
- Integrated administrative and customer-facing UI for study-based privacy policies, meeting a quarterly goal set by investors

Frontend Engineer | Plain Concepts | Redmond, WA (Remote)

2020–2021

- Built a new experience for the Microsoft Ignite 2020 conference within the first three weeks of hire
- Enhanced UI with React and Bootstrap of the Microsoft Biomed Search, simplifying and speeding up search for thousands of medical articles during COVID-19 pandemic

Software Engineer | AgilityHealth | Omaha, NE (Remote)

2019–2020

- Applied recreational knowledge of React to kickstart total application migration of AgilityHealth Radar, the most popular application sold by AgilityHealth, from ASP.NET to React
- Guided team in complex forms using redux and redux-forms after gaining expertise within first month of hire

Full Stack Engineer | Conductix-Wampfler | Omaha, NE

2018–2019

- Conceptualized solution and spearheaded implementation to streamline process of approving of steel products specifications, halving the time from specification proposal to finalized blueprint
- Unified sets of data by developing a middleware layer of REST API services between two end-points

Software Engineer | CSG International | Omaha, NE

2013–2017

- Developed C# desktop application and Java plugins for Jira to transfer data from retired testing platform, saving \$80K in third-party licensing fees
- Mentored new hires, reducing ramp-up time from six weeks to three weeks

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## PROJECTS

### [Simulation Internet Basketball Association \(SIBA\)](#)

Co-Creator and web developer of fictional basketball league using the pro and college basketball games from Wolverine Studios; website created with Typescript, React, Astro, Node

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## EDUCATION

Bachelors of Science in Computer Science | University of Nebraska at Omaha | Omaha, NE