

BRIAN CHEN

SOFTWARE ENGINEER

CONTACT

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SKILLS

- TypeScript, JavaScript
- Node.js, Python
- AWS, Docker, CI/CD
- HIPAA, GCDMP
- Restful APIs
- Jest, Cypress, PyTest
- Agile, Scrum

ACHIEVEMENTS

- Enabled 3× faster patient matching with Talkiatry's real-time assessment and scheduling
- Boosted ARE exam pass rates through learning tools and feedback loops at Black Spectacles

LANGUAGES

- English (Fluent)

PROFILE

Full-Stack Software Engineer with 7+ years of experience building data-driven products across healthcare, clinical tech, and e-learning. Focused on delivering real-time, user-centered solutions that improve outcomes, streamline operations, and scale with impact.

WORK EXPERIENCE

- Talkiatry**

Software Engineer

2023 - 2025

 - Built Talkiatry's 10-minute assessment tool to match patients with providers based on personalized clinical input.
 - Developed real-time provider matching, surfacing bios and treatment styles tailored to each patient.
 - Created fast, flexible scheduling interfaces, enabling patients to book visits within days.
- Black Spectacles**

Software Engineer

2019 - 2023

 - Built e-learning tools for ARE prep, including study modules and exams for licensure candidates.
 - Joined workshops to gather feedback, measure product impact on pass rates, and guide improvements to learning outcomes.
- Podimetrics**

Software Engineer

2016 - 2019

 - Developed real-time data pipelines to process IoT data from the SmartMat™, enabling early detection of diabetic foot complications while ensuring HIPAA compliance.
 - Built scalable systems for clinical data processing, improving reliability and integrity in line with GCDMP standards.
- Shirley Ryan AbilityLab**

Software Engineer

2015 - 2016

 - Built cron jobs to aggregate hospital data and deployed AWS-based dashboards delivering real-time insights for better decision-making.

EDUCATION

- Bachelor of Computer Science**

Virginia Tech

2010 - 2014