

# BRANNON OILER

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Full-stack application developer with 7 years of experience delivering healthcare and research solutions. Skilled at leading projects from concept to production and translating complex requirements into user-focused, maintainable applications with scalable cross-platform architectures. Recognized for award-winning software that advances clinical and research initiatives.

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## EXPERIENCE

### FULL-STACK APPLICATION DEVELOPER

Nationwide Children's Hospital | Columbus, OH

2019 – 2026

- Led design, development, and maintenance of full-stack web and mobile applications supporting research grant initiatives
  - Built scalable, cross-platform solutions using React Native, Node.js, and AWS using CI/CD pipelines
  - Partnered with researchers and clinicians to translate requirements into maintainable software
  - Balanced 10+ applications in different development stages across healthcare and research domains
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## SELECTED PROJECTS

### ACTIVE PROJECTS:

- Behind the Wheel – Driving safety intervention app for teens
- Epilepsy Surgery DB – Study-oriented database for EEG, MRI, and patient data
- Heart Atlas – Heart defect visualization app
- TBSA Burn App – Burn documentation and calculation tool (integrates w/ Epic)
- TDOT – Adolescent menses tracking app

### OTHER NOTABLE PROJECTS:

BMT4me, Caring Contacts, Chatbot for Social Needs, EmpowerCare, FACES App, FAST, Safer Still (ASPIRES), SpeakHealth, STREAM App, STREAM ID Generator, SVT Apple Watch

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## EDUCATION

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE & ENGINEERING

The Ohio State University

2014 - 2018

- Received best in show at the Capstone Design Showcase
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## SKILLS

React | Express.js | TypeScript | Python | AWS/Azure/GCP | Infrastructure as Code | REST & GraphQL APIs | SQL & NoSQL | Docker | CI/CD Pipelines | Git/GitHub | Agile/Scrum | Requirements Analysis | User-Centered Design

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