

Brittney Oeur

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SKILLS & TOOLS

Languages: Python, C++, JavaScript, TypeScript, HTML/CSS, SQL

Tech Stack: React, React Native, Next.js, Tailwind, Node.js, MongoDB, Amazon Web Service, Google Cloud Platform, OpenCV, PyTorch, TensorFlow Lite, Git, Figma

EDUCATION

University of Washington, Bothell

March 2022 – June 2024

Bachelor of Arts in Applied Computing, Minor in Informatics

WORK EXPERIENCE

SpaceX | Starlink Production Technician

July 2025 – Current

- Build small electrical sub-assemblies, component kitting and measurement.
- Support the development of prototype test capabilities for component development and life tests.
- Assisted engineering to drive the root cause of production yield issues and improve delivered avionics hardware quality. Thoroughly document failure modes and use data to continually improve quality.

Front-End Developer (Freelance)

June 2025 – Current

- Maintain and enhance an online Shopify art store by customizing existing features and adding new functionality using Liquid, HTML, and CSS.
- Collaborate directly with the business owner to align website updates with branding and marketing goals.
- Manage product collections, optimize navigation, and enhance customer experience through visual and functional refinements.

TECHNICAL PROJECTS

OTC Vision | TypeScript, React Native, Expo, AWS Lambda, Google Cloud Vision

- Developed a cross-platform mobile app to scan and identify OTC medications, delivering detailed drug information.
- Integrated Google Cloud Vision OCR to detect packaging and extract medication text with high accuracy.
- Improved testing results to 90%+ accuracy in packaging recognition, enhancing reliability and user trust.

Mood Book | Next.js, Node.js, Tailwind, MongoDB, AWS Cognito, RESTful API

- Developed a full-stack web application for mood tracking and journaling, focused on user-friendly design and secure data handling.
- Implemented AWS Cognito for secure user authentication and account management, ensuring protection of sensitive personal data and enabling user-specific entries.
- Built RESTful API routes using Node.js to handle CRUD operations, connecting frontend interactions to a MongoDB database for efficient and scalable data storage.

WithCare: Health Tracking Mobile Application (Prototype) | UX Design & Project Management

- Developed high-fidelity prototype featuring three components: medication management, mental wellbeing, and symptom tracking.
- Conducted interviews and usability testing with informal caregivers to inform design decisions and ensure user centric features.
- Focused on comprehensive project management encompassing UX design, user research, and iterative development to create an intuitive mobile application.