Ian Robertson

ianjr@byu.edu | (607) 339 8610 | GitHub: [@ianjrobertson](#)
LinkedIn: www.linkedin.com/in/ianjosephrobertson

EDUCATION

BRIGHAM YOUNG UNIVERSITY   Provo, UT
Computer Science (BS)   *Expected Graduation:* April 2026
- **GPA**: 3.8
- **Courses:** Design Principles, DSA, Rest APIs, Web Programming, QA and DevOps
- **Minor:** Mathematics

PROFESSIONAL EXPERIENCE

BLAZZI   Provo, UT
Full-Stack Software Developer   July 2025 - Present
- Connected frontend components to AWS Lambda functions via API Gateway, ensuring secure and scalable client-server communication
- Implemented lazy loading and conditional rendering strategies in complex screens, improving mobile app performance by reducing initial render time

BRIGHAM YOUNG UNIVERSITY   Provo, UT
Full Stack Software Engineer   August 2024 - Present
- Led full-Stack rewrite of Employee Shift app by designing specs and UML, improving coordination and speed
- Implemented team-wide practices of unit-testing and code-review, improving collaboration and code quality
- Refactored data access layer to use service singleton pattern, reducing dependencies and brittleness
- Optimized student-roll PDF printing by refactoring client-side code, speeding up PDF generation by 75%

BRIGHAM YOUNG UNIVERSITY   Provo, UT
Quality Assurance Analyst   May 2024 - August 2024
- Conducted testing and validation for 10+ ongoing software projects
- Documented and reported over 200 software issues using GitLab

PROJECTS

- **Twitter Web App:** Implemented MVP design pattern with React for social media app clone. Used AWS (Lambda, API Gateway, DynamoDB) for scalable cloud backend
- **Scalable Deployment:** Used GitHub Actions CD pipeline to deploy a scalable web app with CloudFormation, CloudFront, and RDS. Added observability, IRM, and k6 Load Testing with Grafana
- **Sandbox Hackathon:** Built a D2D sales app with React using Google Map API. Resulted in acceptance into the Sandbox 05 cohort. *Live Demo:* https://reproute.ianjrobertson.click/
- **React Web App:** Designed and deployed a React-based web application hosted on AWS EC2 with Route 53. Leveraged React, Express, MongoDB, and Google Maps API. *Live Demo*: https://startup.ianjrobertson.click/

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, PHP, Java, C/C++, HTML, CSS
- **Frameworks:** Next.js, React, React Native, Vue.js, Tailwind, Laravel
- **CI/CD & Unit Testing:** Jest, Playwright, JUnit, GitHub Actions, GitLab
- **Cloud and Server:** AWS (EC2, DynamoDB, Lambda, API Gateway, CloudFront), MySQL, MongoDB, Supabase

VOLUNTEER EXPERIENCE

CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS   Orange County, CA
Church Volunteer   August 2021 - August 2023
- Coordinated travel and itineraries for 180+ church volunteers
- Planned and coordinated multi-day conferences

SKY MOUNTAIN RANCH   Victor, ID
Camp Counselor   August 2024
- Personally lead and mentored group of six youth
- Responsible for coordination of camp activities and safety of 30+ campers