# Corbin Lilya

Boise, ID | (208) 970-8152 | [LinkedIn](#) | [corbin.lilya.software](#)

## SUMMARY

Aspiring full-stack software engineer with hands-on experience building real-time mobile and web applications. Skilled in React, React Native, Node.js, PostgreSQL, and MongoDB, most notably building a real-time voice AI golf coaching app, and a geofenced student organization management tool.

## EDUCATION

**Boise State University**                    Expected Graduation: December 2025

Bachelor's of Science, Computer Science                    Cumulative GPA: 3.56
- Dean's List, High Honors, College of Engineering Senator, Fraternity President

## PROJECTS

**GreekLink ([https://greek-link.com](https://greek-link.com))**                    Student Organization Mobile App

Februray 2025 - Present
- Architected a React Native / Expo frontend, with a Supabase hosted Postgres backend using JSONB role metadata and strict RLS policies.
- Powered real-time event feeds, role-gated chats and geofenced study hour logging via Supabase subscription, edge functions, and native background tasks.

**Coachr**                    Senior Design Project, Golf Coaching App

January 2025 - May 2025
- Built a cross-platform full-stack React Native app with real-time voice and chat golf coaching, using OpenAI voice and chat APIs, to deliver instant analysis and feedback.
- Implemented a prompt-injection system using golf-specific keywords to automatically swap tailored system prompts, while also injecting user context stored for the topic associated with the keyword to provide specific feedback for the user.
- Led end-of-sprint demos the primary stakeholder to show features, get feedback, define next sprint's objectives, and to drive iterative and consistent product improvements.
- Hosted on AWS EC2 with Node.js backend and NGINX reverse proxy for load handling and SSL termination.

## TECHNICAL SKILLS

**Languages & Frameworks:** JavaScript, TypeScript, Java, C#, React Native, React, Expo, Express.js, Spring Boot
**Databases & APIs:** PostgreSQL, MongoDB, MySQL, RESTful APIs, Supabase Edge Functions
**DevOps & Tools**: AWS (EC2, Route 53), Docker, Git, NGINX, Postman, WebRTC
**Design & Collaboration:** Figma, Agile/Scrum, Adobe Creative Cloud