Palmer Currie

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Technical Skills

Programming Languages: TypeScript/JavaScript, Java, Python, SQL, HTML/CSS, C/C++
Technologies and Frameworks: React/React Native, Angular, Jest, JUnit, Google Firebase, Supabase, Spring Boot, Docker
Tools: Git, Jenkins, Adobe Suite (Photoshop, Premiere), Visual Studio, SQL Server

Technical Experience

Software Engineer I Co-op (React, TypeScript, Java, Spring Boot, SQL, Jenkins, HTML/CSS)   Jan 2025 - Sep 2025
Planview (formerly Tasktop)   Vancouver, BC

-   Lead migration of legacy **Angular** code to **React** and new design system, ensuring consistent UI across Planview platforms
-   Developed dynamic front-end features with **React** and **TypeScript**, delivering user-friendly and responsive web applications.
-   Developed scalable backend services with **Java** and **Spring Boot**, adhering to object-oriented programming best practices.
-   Wrote robust unit and integration tests using **Jest** and **JUnit**, using TDD principles to ensure reliability and maintainability
-   Collaborated with **UI/UX** designers to translate mockups into responsive components, adhering to design system standards

Technical Projects

Pickwise Sports (View Project)   Apr 2025 - present

-   Developed a **React Native** app delivering AI-powered NBA game predictions, player stats, and odds insights in real time.
-   Built a machine learning model with **Python** and **XGBoost** trained on NBA data, achieving over **70% accuracy** on validation
-   Engineered a **FastAPI** backend that stores predictions and player stat breakdowns in **PostgreSQL** via scheduled cron jobs

AlgoBytes (algobytes.app) | (App Store)   Sep 2024 - Apr 2025

-   Developed an **iOS** and **Android** app with **React Native,** teaching data structures & algorithms in a Duolingo-inspired style
-   Designed a **Supabase Postgres** database schema to allow real-time updates to quizzes and questions without code changes
-   Created **100+** algorithm-related questions covering topics such as runtimes, arrays, and graphs to enhance user engagement

Messaging App (View Project)   Jul 2024 - Sep 2024

-   Created a real-time full stack messaging app using **JavaScript** and **React**, supporting global and direct messages
-   Integrated real-time data synchronization utilizing **Firebase Cloud Firestore** listeners and snapshots to dynamically update chat messages and friend request notifications in response to database changes
-   Incorporated user customized display names and password resetting capabilities through email, using **Firebase Auth** for sign-in and sign-up through Google or Email for account creation

Education

University of British Columbia (UBC)   Sep 2022 - Apr 2027
Bachelor of Science (BSc.) | Major in Computer Science | UBC Co-op Program

-   Data Structures & Algorithms, Machine Learning, Relational Databases, Operating Systems, OOP

Work Experience

Program Assistant II   Apr 2024 - present
City of Vancouver   Vancouver, BC

-   Supported various programs by coordinating setup, managing activities and events
-   Introduced weekly team meetings to reflect on prior weaknesses and successes, decreasing incidents by **20%**
-   Oversaw community center facilities after hours, ensuring secure opening and closing building procedures

Awards

-   Arnie Zucker Community Leadership Award - Demonstrating great leadership skills in volunteering   Jun 2022
-   Ike Barber Transfer Scholarship - For exceptional academic achievement and community engagement   Jul 2023