Dhruva Kumar

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Motivated high school senior experienced with React Native, Flutter and Firebase, building applications serving over 3,000 users. Passionate about creating impactful solutions in ed-tech, and open to any opportunities for growth.

Education

Cistercian Preparatory School

Irving, TX

GPA: 4.0 Unweighted / 4.92 Weighted: SAT: 1570

Aug. 2021 - May 2025

Clubs: Yearbook Senior Pages Editor, Young Men's Service League Communications VP, Medical Club Secretary Awards: National Merit Finalist, AP Scholar with Distinction, Texas A&M Teams Math Competition (2nd in State)

Skills

Languages: Java, Python, JavaScript, TypeScript, SQL, Dart

Technologies: React, React Native, Flutter, Firebase, Next.js, Power BI

Experience

Software Engineer Intern

Oct. 2024 - Present

Reality5DRemote• Develop cross-platform educational app using React Native and Expo with Firebase backend

- Leverage Google Gemini API with Firebase Cloud Functions to deliver personalized learning plans
- Configure and document separate dev/prod environments for Expo and Firebase

Data Visualization Intern

Summer 2024

Sagiss

Irving, TXWrote and Optimized SQL queries from ConnectWise views for live ticket tracking dashboard

- Created PowerBI reports analyzing client financial metrics to identify revenue optimization opportunities
- Managed support calls as dispatcher, maintaining detailed documentation for ticket escalation

Math Instructor

July 2023 - Sep. 2024

Irving, TX

 $Mathnasium\ KV$

- Instructed groups of 4-5 students hourly in math, developing personalized strategies for 100+ students
- Evaluated 30-50 pages of student work hourly, providing targeted feedback to improve learning outcomes

Projects

MOOC Search - Course Recommendation System | Python, Pandas, FastAPI, React | GitHub

- Preprocessed 6,000+ MOOC dataset with Pandas, filtering for free courses to prioritize accessibility
- Generated BERT sentence embeddings for sematic search served by FastAPI backend and React frontend

My Meds - Medication List App | Dart, Flutter, SQLite | GitHub

- Architected an medication management app with FDA API search integration and on-device SQLite database
- Migrated 3,000+ iOS users to an updated database schema with multiple profile support

Chat App | Dart, Flutter, Firebase | GitHub

• Built a chat application using Flutter and Firebase, serving 25+ users with friends system and image support

Personal Portfolio Website | Next.js, React.js | GitHub

Developed a responsive portfolio website using Next.js and React.js to showcase coding projects and photography