

Dhruva Kumar

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EDUCATION

Cistercian Preparatory School

Current High School Senior; GPA: 4.0 Unweighted / 4.92 Weighted; SAT: 1570

Irving, TX

Aug. 2021 – May 2025

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL, Dart, HTML/CSS

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

EXPERIENCE

Software Engineer

Reality5D

August 2024 – Present

Remote

- Lead iOS development of cross-platform educational app using React Native and Expo with Firebase backend
- Implement key features including document scanning, learning plans and personalized video recommendations

Data Analytics Intern

Sagiss

Summer 2024

Irving, TX

- Optimized SQL queries for live ticket tracking dashboard, reducing server load by up to 75%
- Created PowerBI reports analyzing client financial metrics to identify revenue optimization opportunities
- Managed support calls as dispatcher, maintaining detailed documentation for IT issue escalation

Math Instructor

Mathnasium KV

July 2023 – August 2024

Irving, TX

- Instructed groups of 4-5 students per hour in mathematics from elementary through high school levels
- Developed personalized teaching strategies for 100+ in-center students to increase understanding and engagement
- Evaluated 30-50 pages of student work hourly, providing targeted feedback for improvement

PROJECTS

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

June 2024 – Present

- Developed a responsive portfolio website showcasing coding projects and photography using Next.js and React.js
- Implemented optimized photo galleries and project displays with server-side rendering for improved performance

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

Jan. 2024 – May 2024

- Architected open-source, privacy-focused medication management app using Flutter
- Integrated FDA database APIs for medication search and implemented local data storage with SQLite
- Engineered PDF export functionality and achieved 500+ monthly App Store downloads

Chat App | *Dart, Flutter, Firebase*

Sept. 2023 – Dec. 2023

- Built a chat application using Flutter and Google Firebase, serving 25+ users
- Implemented profile system with Firebase Authentication and real-time chat updates via Cloud Firestore

AWARDS

Texas A&M Power Teams Math Competition - 2nd Place

Nov. 2024

National Merit Semifinalist

Sept. 2024

AP Scholar with Distinction

June 2024

USA Computing Olympiad Silver

Dec. 2023

OTHER INTERESTS

Real Estate, Event, and Wildlife Photography; Classical Violin; Freshwater Aquariums; Fountain Pens