# Dhillon Virdee-Oakley

Software engineer | Mobile apps, web products and AI systems

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Software engineer building mobile apps and AI systems. Shipped PRSPCT AI on iOS, co-founded MOVR, and am building Jadex DevOS for engineering teams and Elevate AI for athlete coaching. My work spans agent execution, real-time mobile workflows, and subscription backends.

## SELECTED PROJECTS

### PRSPCT AI | iOS app and website

Live on the App Store

TypeScript, React Native, Expo, Next.js, Supabase, RevenueCat | prspct.ai

- Built and shipped an iOS scholarship app that turns uploaded documents into student profiles, personalized scholarship matches, essay drafts, and deadline reminders.
- Implemented backend AI workflows for document parsing, matching, and profile-grounded essay drafting, connecting each step to the student's saved information.
- Integrated RevenueCat subscriptions with backend entitlement checks and built parent account support for families navigating scholarship applications.
- Built the Next.js website and six-language product experience, connecting web links to the app through Universal Links and maintaining shared product content.

### Jadex DevOS | Jadex Fusion

Oct 2026 to Present

TypeScript, Node.js, Postgres, Git, Docker, Slack and Jira APIs

- Building an internal engineering workspace that turns scoped Slack and Jira requests into isolated agent runs with reviewable plans, diffs, and test results.
- Built the coordinator and worker flow around repository scopes, execution budgets, and separate approval steps for running work and publishing draft pull requests.
- Persisted run state, usage, approvals, and audit events in Postgres while keeping Jira as the source for tickets and acceptance criteria.
- Rehearsed the workflow with test integrations, real Git changes, and sandboxed tests. Implemented connections for GitHub and Bitbucket Cloud.

### Elevate AI | Athlete coaching app

Jul 2026 to Present

TypeScript, React Native, Expo, Supabase, AssemblyAI, AI APIs | elevateai.fitness

- Building a mobile app and backend that turn spoken coaching feedback into structured, tagged notes, searchable history, and a personal AI coach.
- Implemented asynchronous audio transcription through webhooks, followed by note structuring and a coach review step before feedback reaches the athlete.
- Built athlete, coach, and academy account flows with role-based access, player rosters, organization invitations, and review-to-send notifications.
- Connected chat, voice interactions, and proactive focus summaries to coaching history, alongside practice follow-through, goals, and category-based progress views.

## EXPERIENCE

### MOVR | Co-Founder and Software Engineer — Nov 2025 to Present

React Native, Expo, Next.js, Supabase, Google Routes API, Stripe | ridemovr.com

- Co-founded a prelaunch NYC rideshare product with separate rider and driver iPhone apps and a web dashboard for dispatch and support.
- Built trip workflows covering quotes, matching, and pickup, with live driver location via Supabase Realtime and routing via Google Routes API.
- Developed authentication, membership, and Stripe payment flows. Built a launch site with app walkthroughs and separate rider and driver signup lists.

### Jadex Consulting | Software Engineer — May 2026 to Sep 2026

- Contributed to the development of a cryptocurrency casino platform.

### Jadex Consulting | Junior Software Engineer — May 2023 to Aug 2025

- Contributed to client software delivery across frontend and backend development using HTML, CSS, JavaScript, and SQL.

### Confidential company | Anti-Piracy Specialist — May 2024 to Sep 2024

- Built automation tools for an anti-piracy team at a global sports streaming platform, streamlining detection pipelines for unauthorized access.

## EDUCATION

### Fordham University | MSIT graduate program — Expected Dec 2027

Relevant coursework: Advanced Python with AI, Data Mining for Business.

### Fordham University | Gabelli School of Business — Aug 2022 to May 2026

B.S. in Information Systems

Relevant coursework: Programming with Python, Database Systems, Data Management and SQL, Fintech, Web Analytics, Financial Management, and Global IT Strategy.

## LEADERSHIP

### Fordham Men’s Tennis | Division I Athlete — Aug 2022 to May 2026

- Served as team captain for the final two years, leading team culture, accountability, and on-court strategy.
- Competed at number one in singles and doubles over three years of Division I tennis.

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, Python, SQL, HTML, CSS

**Frameworks:** React, React Native, Expo, Next.js, Node.js, Tailwind CSS

**Backend and data:** AWS, PostgreSQL, Supabase, row-level security, REST APIs, webhooks, cron jobs

**Tools and integrations:** Git, Vitest, Stripe, RevenueCat, Vercel, Jira and GitHub APIs, Google Routes API

## CERTIFICATIONS AND LANGUAGES

Bloomberg Market Concepts; Blockchain (Coursera).

English: fluent. Spanish: conversational.