

# Dil Nahal

604-613-8520 | [diljodhnahal@hotmail.com](mailto:diljodhnahal@hotmail.com) | [linkedin.com/in/diljodh-nahal-04859b167](https://linkedin.com/in/diljodh-nahal-04859b167) | [github.com/DiljodhNahal](https://github.com/DiljodhNahal)

## SUMMARY

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Full-stack developer with 4+ years of experience building production web and mobile applications using TypeScript, React, React Native, Node.js, Python, and PostgreSQL. Skilled in RESTful API design, cloud infrastructure, CI/CD, and shipping cross-platform products in agile environments.

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, Python, Java, C/C++, PHP, Dart, SQL, HTML/CSS

**Frameworks:** React, React Native, Expo, Next.js, Node.js, Express.js, NestJS, Django, FastAPI, Flask, Vite, JUnit

**Databases & Cloud:** PostgreSQL, MongoDB, Redis, Prisma, Drizzle ORM, Cloudflare R2, AWS S3, Heroku, Neon, Docker

**Tools & Practices:** Git, GitHub Actions, CI/CD, REST APIs, Agile/Scrum, Jira, Figma, VS Code, Android Studio, Linux

## EXPERIENCE

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### Full-Stack Software Developer

February 2023 – January 2025

*Cloverdale Robotics Learning*

*Surrey, BC*

- Built a cross-platform mobile app (iOS and Android) for real-time attendance tracking and parent communication, serving 30+ instructors and 500+ families across multiple locations
- Developed full-stack internal tools and web applications using React and Node.js, reducing manual instructor workflows by an estimated 5+ hours per week
- Designed and deployed an emergency alert system capable of notifying 500+ parents and office staff of critical updates within seconds via push notifications
- Managed PostgreSQL databases and server infrastructure for 4+ internal and public-facing websites, maintaining 99%+ uptime

### Full-Stack Software Developer

Sep 2020 – Feb 2023

*DhanRhak Investments*

*Vancouver, BC*

- Developed and maintained 5+ RESTful APIs using Django REST Framework and PostgreSQL, serving data to mobile and web clients
- Built a React Native mobile application helping 200+ customers discover local small businesses, integrating location-based search and filtering
- Coordinated with the team lead to define project requirements and timelines across 3+ concurrent projects, improving on-time delivery rate
- Reviewed 50+ pull requests and enforced code quality standards, reducing production bugs and improving team-wide best practices

## PROJECTS

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### Ultimate Golf Sim | *React, TypeScript, Express, Prisma, PostgreSQL, Cloudflare R2*

- Built an online, browser-based golf game with persistent player profiles, progression, and global leaderboards
- Implemented a full-stack architecture with a React front-end and an Express/Prisma API backed by PostgreSQL
- Designed systems for tournaments, seasons, and stat tracking to support competitive play and user engagement
- Integrated Cloudflare R2 for asset storage and optimized data access patterns for performance and scalability

### BrokerConnect | *React Native, TypeScript, NestJS, PostgreSQL, Twilio, RevenueCat*

- Developed a cross-platform mobile application for iOS and Android that enables real estate brokers to share off-market listings and client requirements
- Implemented secure phone-based authentication and messaging flows using a NestJS API, PostgreSQL, and Twilio
- Integrated RevenueCat to manage in-app subscriptions, entitlements, and access to premium features

## EDUCATION

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### Simon Fraser University

Sep 2020 – Dec 2025

*Bachelor of Science in Computer Science*

*Burnaby, BC*