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EDUCATION

B.Tech in Civil Engineering, NIT Jalandhar, Punjab

2023 – 2027

EXPERIENCE

Advanced Application Engineering Analyst Intern – Accenture

May 2026 – Jul 2026 (*Upcoming*)

- Selected via campus recruitment from NIT Jalandhar (ML11); enterprise-scale application development and modern software delivery in a professional consulting environment.

Technical & Operations Intern – Office of the District Commissioner, Jalandhar

Oct 2025 – Jan 2026

- Architected full-stack **NRI Connect** app using **Flutter**, **Supabase (PostgreSQL)**, **FCM**; chose Supabase over Firebase for its relational layer, enabling complex **RBAC** queries and **Edge Functions** for server-side logic.
- Coordinated a 3-person team via **GitHub** (branching, PRs, code review), managing end-to-end delivery from schema design to deployment.
- Designed digital outreach assets for **Project Chetna**, reaching 70+ schools across the district.

Paid Project Intern – National Highways Authority of India (NHAI)

Dec 2025 – Jan 2026

- Tracked operational data and progress reporting for an **INR 1,400 Crore** highway project using Primavera P6; developed structured Excel dashboards to surface scheduling bottlenecks.

Civil Engineering Internships – PWD Bathinda & Indian Space Lab

Jun 2024 – Jul 2025

- Conducted site surveys, quality control, and drone-based GIS mapping; built domain knowledge in systems thinking, field data collection, and stakeholder coordination.

PROJECTS

NRI Connect (Live on Google Play · 150+ users)

2026

- Built a full-stack cross-platform app using **Flutter** and **Supabase** with Google Auth, **RBAC**, and real-time **FCM** push notifications for district-level social contribution tracking.
- Chose **PostgreSQL** (via Supabase) over NoSQL for structured relational data; implemented **Supabase Edge Functions** for server-side validation and **Supabase Storage** for image verification workflows.

Mess Management System (Winner – LetStart'24 Hackathon, INR 10,000)

2024 – 2025

- Started as a **.NET (WPF)** desktop app; re-platformed to **Next.js + Supabase** web application when user scale reached 500+, making the architectural decision to shift based on cross-platform access needs.
- Automated billing cycles, real-time meal tracking, and digital attendance, eliminating manual record errors across the hostel.

Customer Management System – Raman Jewellers, Bathinda

2025

- Built a **Google Apps Script** automation to manage loan records and automated reporting for 150+ high-value clients, replacing a fully manual ledger process.

Library Management App – BH2 Hostel, NIT Jalandhar

2023

- Developed an Android app using **Volley** to digitize inventory and automate book issuance/returns for hostel library operations.

SKILLS

- Languages & Frameworks:** Python, Dart, JavaScript/TypeScript, SQL, C; Flutter, Next.js, React, .NET
- Backend & Data:** Supabase, PostgreSQL, Firebase, Google Apps Script; Edge Functions, RBAC, REST APIs
- CS Fundamentals:** OOP, DBMS, Role-Based Access Control, basic Networking; serverless functions (Supabase Edge), push notifications (FCM), cloud storage APIs
- DevOps & Tools:** Git/GitHub (branching, PRs), VS Code, Android Studio, Visual Studio, Figma, Notion; AutoCAD, Excel (Advanced)
- Soft Skills:** Product Thinking, Technical Documentation, Workflow Automation, Cross-team Coordination

ACHIEVEMENTS & LEADERSHIP

- Letter of Recommendation – District Commissioner, Jalandhar:** Issued for leading the NRI Connect platform and **Project CHETNA** digital outreach across 70+ schools.
- Hackathon Winner:** Won **INR 10,000** at LetStart'24 for the Mess Management System; also won a **\$25 Altair Global Raffle** prize.
- Library Secretary (BH2 Hostel):** Elected lead; organized hostel night for **300+ students**.
- National Level Athlete:** Represented NIT Jalandhar at the **Inter-NIT Swimming Championship** (2025).