NEEL DESAI

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EDUCATION

Charotar University Of Science & Technology
Master Of Computer Application; CGPA:9.62
Gujarat, India
June 2023 - May 2025

Charotar University Of Science & Technology
Bachelor Of Science In Information Technology; CGPA: 9.68
Gujarat, India
June 2020 - May 2023

SKILLS SUMMARY

- **Languages:** C, C++, SQL, Kotlin, Dart
- **Frameworks:** Node.js, Express.js, Android SDK, Flutter
- **Libraies:** React.js, Firebase Auth, JWT (JSON Web Token), Firebase Cloud Messaging (FCM), Barcode/QR Scanning Libraries
- **Tools:** Visual Studio Code, Android Studio, MongoDB Compass, Draw.io, Canva
- **Platforms:** Firebase, Cloudinary, Google Drive API, GitHub, Google Play Store
- **Soft Skills:** Communication, Networking, Leadership, Teamwork, Integrity

WORK EXPERIENCE

WEB DEVLOPEMENT INTERN | NIRVAN INFOTECH
December 2024 - May 2025

- Developed full-stack web applications using **MongoDB, Express.js, React.js, and Node.js (MERN stack).**
- Designed and integrated **RESTful APIs** with modern front-end frameworks for seamless user experiences.
- Implemented robust **authentication, authorization, and security protocols** following industry best practices.
- Collaborated effectively within cross-functional teams utilizing **Git version control** for code management.
- Applied responsive design principles and executed performance optimization techniques to enhance application speed and usability across devices.

PROJECTS

Kissan Plus | Mern Application
December 2024 - May 2025

- A full-stack agricultural management platform Implemented to replace manual paperwork with digital form workflows.
- Delivered a complex, **multi-role interface** that enabled users to submit, verify, and approve forms with complete transparency.
- Created reusable React components for dashboards, charts, and real-time form status updates.
- Used **JWT for secure authentication**, with modular routes to prevent unauthorized data access.
- Designed dynamic database models for form records, payment logs, and user data in MongoDB.

Eduverse- E Learning Portal | Mern Application
July 2024 – Nov 2024

- Developed a modular e-learning system with **role-based functionalities** for Students, Admins, and Visitors.
- Enabled user registration with **OTP-based email verification** and implemented role-based access for different modules.
- **Developed back-end APIs** for course upload, enrollment, quiz submissions, certificate generation, and internship tracking.
- **Integrated Google Drive API** for managing digital certificates and resume documents, and **Cloudinary** for video thumbnails and lectures.
- Added a custom-built online code editor, payment gateway integration, and access to MNC job sheets via admin panel.
- **Developed admin dashboards** to track user activity, certificate issue rates, and payment logs.

Library Management Application (Android)
Jan 2023 – May 2023

- A mobile app that streamlines book inventory, user transactions, fines, and library reporting.
- **Built with Kotlin in Android Studio,** this app allowed students to reserve/search books, make payments, and receive status updates.
- Integrated **Firebase Realtime Database** for inventory sync, user management, and instant updates.
- Developed QR code/barcode scanning functionality to auto-fill book ISBNs and student IDs.
- Enabled librarians to add/update/delete books, approve reservations, issue books, and generate reports such as overdue, issued, and returned books.
- Added **Firebase Auth**, email-based password reset, and **FCM notifications** for student interactions.

CERTIFICATES

- GitHub Foundations | GITHUB — December 2024
- Postman API Fundamentals Student Expert | POSTMAN — October 2024
- Google Play Store Listing | GOOGLE — July 2024
- Android App Development | INTERNSHALA — MARCH 2024
- Foundation of Digital Marketing & E-Commerce | COURSERA — FEBRUARY 2024
- Cyber Security and Privacy | NPTEL — October 2023

ACHIEVEMENTS

- Selected as Internshala Student Partner, promoting online learning initiatives on campus
- Secured 6th position in a Digital Poster Making Competition
- Reported a security-level bug in a financial Android application; received a Letter of Appreciation
- Featured in Sandesh Newspaper under the "Mari Best Click" photography column