NISHCHAY AGARWAL

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PROFILE SUMMARY

I am a 4th year B.Tech Computer Science student with expertise in backend development and AI. Proficient in Java, JavaScript, Node.js, Express.js, PostgreSQL, and Data Structures & Algorithms. Experience in building scalable backend systems with JWT authentication, RBAC, and RESTful APIs. Strong foundation in enterprise software (Tally, Busy) with proven communication and collaboration skills from professional work experience.

EDUCATION

Reva University, Bengaluru   2022 - 2026
B.Tech - Computer Science & IT | CGPA: 7.1

Cambridge Convent School (CBSE), Pawayan   2022
Class XII - 66%

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, Java, Node.js, Express.js, SQL.
Backend & Database: PostgreSQL, Knex ORM, JWT Authentication, RBAC, RESTful APIs, Microservices.
Tools & Technologies: Git, GitHub, Cloudinary, pgAdmin4.
Business Software: Tally, Busy.

EXPERIENCE

Backend Intern - VMA Labs Pvt Ltd   July 2025
- Developed comprehensive backend architecture using Node.js, Express.js, Knex, and PostgreSQL with modular services, repositories, and controllers for complex data operations.
- Implemented secure JWT authentication and role-based middleware for access control.
- Built robust database migrations and seeders ensuring scalable, maintainable, production-ready backend structure

Operation Coordinator - Bhagwant Enterprises   May 2019
- Managed sales, marketing, and team supervision with hands-on experience in Tally and Busy accounting software.
- Developed negotiation skills through direct client management and business interactions

PROJECTS

RBAC Backend System
- Built modular backend with services, repositories, and controllers managing users, products, inventories, and catalogs using Node.js, Express.js, Knex ORM, and PostgreSQL.
- Implemented comprehensive role-based access control with secure authentication and authorization mechanisms

SkillSprint - MERN Stack Learning Platform
- Developed full-stack platform with JWT authentication, Cloudinary integration, and responsive React + Tailwind UI for personalized learning recommendations.

SpeakUp - Anonymous Crime Reporting Platform
- Built MERN stack platform with Firebase authentication, Firestore database, and Cloudinary for secure anonymous reporting with privacy-focused architecture.

ACHIEVEMENTS

- Member of HACC (REVA Coding Club); contributed to organizing national-level hackathons including Hackverse.
- Member of Independent Fashion Collective "Labiz"; participated in inter-college fashion shows.
- Active in sports at professional level, fostering teamwork, leadership, and discipline.