

# Aryan

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## PROFILE

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Final-year BCA student proficient in **\*\*Java, Data Structures, and the MERN Stack\*\***. Experienced in building full-stack applications with AI integration and role-based security. Passionate about solving complex algorithmic problems.

## EDUCATION

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### DIT University

*Bachelor of Computer Applications (BCA); CGPA: 8.65*

Dehradun, Uttarakhand

*2023 – 2026*

### Schooling (Uttarakhand Board)

*Class XII: 75.4% | Class X: 82.2%*

*Completed 2023*

## TECHNICAL SKILLS

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**Languages:** Java, C, JavaScript (ES6+), SQL

**Frontend:** React.js, Tailwind CSS, HTML5, CSS3

**Backend:** Node.js, Express.js, MongoDB (Mongoose), RESTful APIs

**Tools & Concepts:** Git/GitHub, Postman, JWT Auth, Data Structures & Algorithms (DSA)

## PROJECTS

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### AI-Powered Expense Tracker | *MERN Stack, Gemini API, Recharts*

Sep 2025

- Developed a full-stack financial application with secure authentication using **BCrypt.js** and **JWT**.
- Integrated **Google's Gemini AI API** to build a chatbot that analyzes spending habits and provides budget advice.
- Implemented real-time data visualization using **Recharts** to track income vs. expenses.

### Hotel Booking Management System | *Node.js, Express, MongoDB, EJS*

- Engineered a booking platform featuring **Role-Based Access Control (RBAC)** for Admins and Users.
- Built a dynamic Admin Dashboard to manage room inventory, customer bookings, and live status updates.
- Designed RESTful APIs to handle CRUD operations and implemented secure session management.

## ACHIEVEMENTS

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**DSA Proficiency:** Solved **175+ problems** across various coding platforms, focusing on Logic Building.

**SQL Skills:** Solved **50+ problems** on LeetCode, mastering complex queries and joins.

## COURSEWORK

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**Core Subjects:** Data Structures & Algorithms, Object Oriented Programming (OOPS), DBMS, Operating Systems

**Development:** Full Stack Web Development (MERN)