Aryan

+91-9389532710 | aryan411770@gmail.com | linkedin.com/in/aryan-sehgal | github.com/Aryan-404-404

PROFILE

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

DIT University — Dehradun, Uttarakhand
Bachelor of Computer Applications (BCA); CGPA: 8.65 — *2023 – 2026*

Schooling (Uttarakhand Board)
Class XII: 75.4% | Class X: 82.2% — *Completed 2023*

TECHNICAL SKILLS

- **Languages:** Java, C, JavaScript (ES6+), SQL
- **Frontend:** React.js, Tailwind CSS, React Router, Axios, HTML5, CSS3
- **Backend:** Node.js, Express.js, MongoDB (Mongoose), RESTful APIs, Bcrypt.js
- **Tools & Concepts:** Git/GitHub, Postman, MongoDB Atlas, SendGrid, JWT Auth, RBAC, MVC Architecture, Vercel
- **Soft Skills:** Problem Solving, Communication, Team Collaboration

PROJECTS

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.

AI Resume Analyzer | *React.js, Groq API (Llama 3.3), Tailwind, pdfjs-dist* — Dec 2025
- Built a real-time ATS scanner using **Groq's Llama 3.3** to semantically analyze resumes and detect skill gaps.
- Engineered a **client-side PDF parsing pipeline** using Web Workers to extract text securely without backend latency.
- Migrated from Gemini to Groq for **10x faster inference** and implemented strict JSON validation to prevent errors.

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.
- Integrated **SendGrid** to engineer a real-time notification system, ensuring automated booking confirmations and alerts.

ACHIEVEMENTS

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

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

Development: Full Stack Web Development (MERN)