ARYAN

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EDUCATION

Dr. B.R. Ambedkar National Institute of Technology **2022 - 2026**
Bachelor of Technology in Computer Science and Engineering *CGPA: 8.60 / 10.0*

Takshila Public School, Behror **2019 - 2021**
Secondary Education *12th Grade: 94.2%, 10th Grade: 97.6%*

WORK EXPERIENCE

Synchrone AI | Web Developer Intern **June 2025 – July 2025**

- Built a project management system with real-time issue tracking, team collaboration, and automated workflow transitions between current, upcoming, and completed project cycles.
- Implemented comprehensive user authentication with Google OAuth and team management with role-based access controls, member invitations, and real-time data synchronization across all platform features.
- Integrated RESTful APIs for real-time data management with optimistic UI updates, error handling, and seamless synchronization between frontend components and backend services.

PROJECTS

CampusCabs | Auto Rickshaw Booking & Ride-Sharing Application **Link**

- Developed a web application for NITJ students, enabling users to book rides efficiently and providing reliable rides by onboarding **10+ local drivers**, reducing commuting **costs by 15%**.
- Enhanced UI/UX and backend performance, **boosting user engagement by 20%**, using **Framer Motion** for smooth transitions and **Twilio** for real-time messaging.
- **Tech Stack**: React.js, Node.js, Express, MongoDB.

WoLamhe | Personalized Photo Printing Platform **Link**

- Collaborated with a business to develop a web platform for custom photo prints, targeting **100+ orders monthly** and optimizing backend operations to **reduce fulfillment time by 20%**.
- Implementing a secure payment solution using Razorpay to ensure transaction safety and user trust.
- **Tech Stack**: React.js, Node.js, Express.js, MongoDB.

Emotify | Emotion-Based Music Recommendation App **Link**

- Built an AI-driven music recommendation system with **90% classification accuracy**, leveraging **face-api.js** for emotion detection and **Spotify API** for personalized playlist curation.
- Refined recommendation logic, **boosting user satisfaction by 15%** and **improving retention**.
- **Tech Stack**: React.js, Tailwind CSS, face-api.js, Node.js, Spotify API, Express.

TECHNICAL SKILLS

Programming Languages: C++, Python
Web Development: React.js, Node.js, Express.js, JavaScript, Tailwind CSS
Databases & ORM: MongoDB (NoSQL), Mongoose, MySQL (SQL)
Developer Tools: GCP, Git, GitHub, Postman, VS Code
Relevant Coursework: • Data Structures and Algorithms Analysis • OOPS • AI/ML • DBMS
• Machine Learning • Computer Networks • Cloud Computing • Operating Systems • TOC

TECHNICAL ACHIEVEMENTS

- **Solved 500+ questions** across various platforms like LeetCode, GFG, CodeForces, etc. combined
- **Peak contest rating: 1500+** on LeetCode with participation in **10+ contests (LeetCode Profile)**.
- **Top 5% in Curvetopia**, Adobe GenSolve hackathon focused on regularizing 2D curves through geometric modeling and optimization techniques, including curve smoothing, and interpolation.

EXTRACURRICULAR ACTIVITIES

- **Recognized by MeitY** with a certificate in Capacity Building for Human Resources in UAVs.
- **Official Inter-NIT basketball** player for NIT Jalandhar, competed in multiple tournaments for NITJ.
- **Official Core Member and Player** for Esports team at NIT Jalandhar