ARYAN SHARMA

📞 8690892181 ✉ aryan21sharmaa@gmail.com in LinkedIn ⭘ GitHub 🌐 Portfolio

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**

- Architected and implemented the user interface of a collaborative workspace platform supporting seamless project management, issue tracking, and team collaboration.
- Integrated RESTful APIs to deliver real-time data updates, significantly improving application responsiveness and reliability.
- Partnered with cross-functional teams to build accessible, scalable, and high-performance interfaces, driving better user engagement and satisfaction.

Projects

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

- Developed a web application for NITJ students, enabling **1000+ users** to book rides efficiently and achieving **90% peak-hour ride availability** by onboarding **10+ local drivers**, reducing commuting costs by **25%**.
- 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**

- Collaborating 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%**.
- Designed a scalable database to streamline order processing and in process to implement online payments.
- **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, Google Cloud(GCP)
Databases & ORM: MongoDB (NoSQL), Mongoose, MySQL (SQL), R
Developer Tools: Git, GitHub, Postman, VS Code
Relevant Coursework: ● Data Structures and Algorithms Analysis ● OOPS ● AI/ML ● DBMS
● Machine Learning ● Computer Networks ● Cloud Computing ● Operating Systems ● Theory of Computation

Technical Achievements

- **Solved 500+ questions** across various coding 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 and beautifying 2D curves through geometric modeling and optimization techniques, including curve identification, 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 representing NITJ.
- **Official Core Member and Player** for Esports team at NIT Jalandhar