Aryan Sharma

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Education

- **Vellore Institute of Technology, Bhopal, Madhya Pradesh, India**
  - Bachelor of Technology in Computer Science | CGPA 9.01 | June, 2022 - June, 2026
- **Bharti Public School, New Delhi, Delhi, India**
  - Senior Secondary Education | 82% | April, 2020 - April, 2021
  - Secondary Education | 95% | April, 2018 - April, 2019

Experience

Open-Source Contributor – Girl Script Summer of Code

Girl Script Foundation | May, 2024 - August, 2024

- Contributed **21+ pull requests** into open-source projects, improving **codebase efficiency, performance, and feature functionality** across multiple repositories.
- Ranked **152 out of 2400+ participants** by actively **resolving issues, implementing new features,** and **improving project documentation** to enhance maintainability, readability, and overall code quality.

Projects

Cloud Quill | Next.js, React, Tailwind CSS, Convex DB, Live blocks | github.com/aryansharma220/cloud-quill

- Built a real-time document editing platform **supporting 100+ simultaneous users**, ensuring seamless collaboration.
- Streamlined document rendering logic, reducing load times by **40%** for enhanced performance.
- Integrated Live blocks for real-time multi-user synchronization, achieving an average latency of **<100 milliseconds**.

Wander Trail | React.js, Firebase, Google Places API, Tailwind CSS, Shad CN UI | github.com/aryansharma220/wander-trail

- Engineered an AI-powered trip planner generating **20+ optimized itineraries per session**, reducing manual effort by **60%**.
- Implemented Google Places API for contextual location suggestions, improving search efficiency by **50%**.

On The Go | React.js, Node.js, Express.js, MongoDB, Firebase, Tailwind CSS | github.com/aryansharma220/on-the-go

- Developed a highly scalable and efficient backend architecture, **reducing API response times by 30%.**
- Incorporated **Google authentication**, securing **98% of login attempts** while maintaining zero security breaches.
- Enhanced Mongo DB queries, **reducing data retrieval time by 35%,** enhancing search performance.

Heal Nav | React.js, Node.js, Express.js, MongoDB, Gemini API | github.com/aryansharma220/heal-nav

- Curated healthcare suggestions to **400+ users** and **enabled 250+ users** to assess symptoms for actionable guidance.
- Enabled **150+ users** in locating medical resources and delivered real-time support to **80+ users** through a chatbot and smart notifications.
- Designed an intuitive platform with **800+ interactions** and educated **50+ users** on health conditions and wellness tips.

Skills

- **Languages**: Java, JavaScript, Structured Query Language, Python, HTML, CSS
- **Technologies**: React.js, MERN Stack, Next.js, Node.js Git, GitHub, Postman, MongoDB, MySQL, Amazon Web Services
- **Concepts**: Object-Oriented Programming, Data Structures & Algorithms, Computer Networks, Operating Systems, Cloud Computing, Version Control

Certifications

- Cloud Computing (Gold Tier) – NPTEL, 2024
- GitHub Foundations Certification - GitHub, 2025

Achievements

- Ranked in the **top 5% of teams** in Adobe Hackathon (2024).
- Advanced to the **pre-final round** in Providence India Hackathon (2024).