# Aryan Sharma

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## Professional Summary

**Final year computer science student** with a strong foundation in **software development, data structures, algorithms** and **system design**. Proficient in **Java**, with hands-on experience in **full-stack development**. Experienced in cross-functional collaboration and SDLC practices with a strong focus on timely delivery and high-quality code. Passionate about building efficient, scalable systems and solving complex engineering problems.

## Key Skills

- **Programming Languages**: Java, Python, JavaScript, HTML, CSS, SQL
- **Tools & Frameworks**: React.js, Node.js, Git, GitHub, Postman, MongoDB, Gen AI Integration, REST APIs, AWS
- **Core Fundaments**: Object-Oriented Programming, Data Structures, Algorithms, Computer Network, Cloud Computing, System Design, SDLC
- **Professional Skills**: Analytical & Logical Thinking, Collaboration, Versatility

## Work Experience

**Open-Source Contributor –** Girl Script Foundation | May, 2024 – August, 2024

- Developed and optimized **21+ pull requests** across multiple open-source repositories. Refactored UI components, resolved critical frontend bugs, and improved usability by implementing modular code using JavaScript and React

## Projects

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

- Built a real-time collaborative document editor **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, Shad CN UI | github.com/aryansharma220/wander-trail

- Engineered an AI-fueled responsive web app trip planner **generating 20+ optimized itineraries per session**
- Implemented Google Places API for contextual location suggestions, **improving search efficiency by 50%**
- Designed a responsive, user-friendly interface, enhancing engagement and **reducing bounce rates by 35%**

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

- Enabled **locating medical resources** and real-time support **through an AI-powered chatbot**
- Integrated an AI-driven chatbot to reduce response time

## Education

- **B. Tech in Computer Science | CGPA 8.94 –** Vellore Institute of Technology, Bhopal| July, 2022 – July, 2026
- **Senior Secondary Examination | 82% –** Bharti Public School | April, 2020 – April, 2021
- **Secondary Examination | 95% –** Bharti Public School | April, 2018 – April, 2019

## Certifications

- Cloud Computing (Gold Tier) – NPTEL, 2024
- Postman Fundamentals Expert – Postman, 2024
- GitHub Foundations – GitHub, 2025
- MongoDB Node.js Developer – MongoDB, 2025

## Achievements

- Hack Vega Hackathon – Ranked 3rd out of 32,000+ participants
- Arma Code Hackathon, IISER Bhopal – Clinched 1st place among 1000+ participants
- MERN x AI Hackathon, VIT Bhopal – Secured 1st place among 70+ teams