Aryan Sharma

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Professional Summary

Results-driven Computer Science student with a strong foundation in **software development, data structures, and algorithms**. Proficient in **Java and JavaScript**, with hands-on experience in **full-stack development**, including **front-end frameworks, back-end services, and database management**. Skilled in **version control (Git), cloud technologies, and AI integration**. Experienced in designing **scalable web architectures** and Optimizing algorithms to enhance application performance**.** Seeking an opportunity to apply **technical expertise, collaborate with dynamic teams, and contribute to impactful ideas** in agile development teams.

Key Skills

- **Programming Languages**: Java, JavaScript, HTML, CSS, SQL, Python
- **Tools & Frameworks**: React.js, Next.js, Node.js, Express.js, Git, GitHub, Postman, MongoDB, AWS, Linux
- **Core Fundaments**: Object-Oriented Programming, Data Structures, Algorithms, Computer Network
- **Soft Skills**: Analytical & Logical Thinking, Collaboration, Cross-Functional 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 **code efficiency, system performance, feature scalability** and **overall software reliability**.
- Diagnosed and resolved **critical issues in production code**, refactored legacy components, and developed **modular and reusable components, maintainable features to improve functionality, security, and readability**.

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**.
- 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, MongoDB, Gemini API | github.com/aryansharma220/heal-nav

- Curated healthcare suggestions to **40+ users** and enabled **50+ users to assess symptoms** for actionable guidance.
- Enabled **50+ users in locating medical resources** and real-time support **to 80+ users through an AI-powered chatbot.**
- Integrated an AI-driven chatbot to reduce response time, **increasing user satisfaction to 90%**.

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%.**
- Implemented OAuth and token-based authentication to prevent unauthorized access, **securing 98% of login attempts.**

Education

Bachelor of Technology in Computer Science | CGPA 9.01

VIT Bhopal University, Madhya Pradesh, India | 2022 – 2026

Certifications

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