

Aryan Barfa

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Indore, Madhya Pradesh, India

Objective

Motivated and knowledgeable Computer Science graduate with a strong foundation in full stack web development, especially in MERN stack and Next.js. Passionate about building scalable, modern applications and exploring AI tool integration in real world use cases

Education

B.Sc. (Hons.) in Computer Science

Government Holkar Science College, Indore

2021 – 2025 | CGPA: 7.8 / 10

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS

Backend & APIs: Next.js, Node.js, Express.js, Server Actions, Authentication, Bcrypt, JWT, NextAuth.js

Database & ORM: MongoDB, Mongoose, PostgreSQL - Prisma ORM

Tools & Platforms: Git, GitHub, Postman, VS Code, Vercel, Monorepo (Turborepo)

AI & Modern Tools: Prompt engineering with OpenAI APIs for smart development automation.

Theoretical Knowledge: Programming, Computer Networking, DBMS, Operating Systems

Learning In Progress: TypeScript

Projects

1. SkillSwap – Skill Sharing Platform

A full stack platform where users can sign in, create/edit/delete skill posts and comment. Built using Next.js, Node.js, PostgreSQL, Prisma and JWT based authentication. Uses server actions, SSR and a rich text editor to create a modern collaborative learning space.

2. Digital Wallet – Modern Payment System

Created a secure and user friendly wallet app using Next.js and Turborepo. Supports peer to peer transfers, transaction history and authentication. UI designed with Tailwind CSS and real time feedback with toast notifications.

3. Secure MERN Authentication System

Built a fully secure authentication system using the MERN stack with JWT-based authentication, and bcrypt password hashing. Integrated Twilio OTP verification and Nodemailer email flows for signup and password reset. Designed with scalable backend APIs and protected frontend routes, delivering a robust authentication solution for modern applications.

Other Projects (Practice based):

- Built small UI clones (Login page, Portfolio layout, To-do app)
 - Practiced form handling, API fetching, protected routes, UI logic
 - Designed animated UI components with Tailwind + Framer Motion
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Achievements & Volunteering

- **NSS Volunteer 2022-2025(3 Years)**
Actively contributed to social service initiatives under the National Service Scheme including national level camps and community outreach.
 - **Street Play (Nukkad Natak) Performer**
Participated in multiple competitions and public campaigns using theatre to spread awareness on social issues. Performed at both state and national levels.
 - **Festival Volunteer – Litchowk 2025**
Contributed to organizing and managing India's first socio cultural festival in Indore.
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Additional Skills

- Capable of working smoothly under guidance and adapting well to team environments
 - Strong communication skills with the ability to clearly explain technical concepts
 - Quick learner who enjoys problem solving and exploring new technologies
 - Comfortable contributing in both individual tasks and collaborative projects
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Languages

- English (Basic English)/ Hindi (Fluent)