


# Ayush Gairola

Full Stack Web Developer

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 [LinkedIn](#)

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 [Portfolio](#)

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## SUMMARY

- Full-stack web developer with hands-on experience in cutting-edge technologies, delivering efficient and scalable applications.
- Proven ability to optimize performance, reduce load times, and improve user experience.

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## SKILLSET

### Technical Skills

**Frontend:** Next.js, React.js, Redux Toolkit, TailwindCSS, HTML, CSS, JavaScript

**Backend:** Node.js, Express.js, RESTful APIs, WebSockets (Socket.io)

**Databases:** MongoDB, MySQL, PostgreSQL, Firebase Storage, Supabase

**Tools & Technologies:** Git, GitHub, Axios, Postman, Context API, Aiven.co, JWT Authentication

**Best Practices:** Clean code, graceful error handling, Model-View-Controller (MVC) architecture, microservices

### **Soft Skills**

- Strong problem-solving and analytical thinking.
  - Excellent communication and team collaboration.
  - Leadership with experience in managing developers and calling out inefficiencies.
  - Effective time management and meeting tight deadlines.
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## **WORK EXPERIENCE**

### **Extendedleafs Inc. (USA-based startup)**

 **Joined:** January 1, 2025 – Present

 **Role:** Lead Developer (Promoted from Intern)

- Joined as an intern and completed all assigned tasks ahead of deadlines, leading to a promotion as the lead developer. Spearheaded the development and optimization of key product features.
- Improved application performance and scalability by 30% through structured database management and efficient backend development..

## **PROJECTS & EXPERIENCE**

## **LUVLENS (Dating Platform - Early Development Stage)**

**Tech Stack:** React.js, TailwindCSS, Context API, Axios, Node.js, Express.js, PostgreSQL, Firebase, Socket.io, Supabase

- Built and optimized critical pages using React.js and TailwindCSS.
- Developed server-side authentication logic with JWT for session-based user authentication.
- Designed and implemented RESTful APIs with Express.js for seamless backend operations.
- Integrated PostgreSQL for relational database management and Firebase Storage for efficient media handling.
- Developed a matching algorithm with MVC and microservices architecture, increasing matching accuracy by 40%.
- Implemented real-time chat functionality using Socket.io, improving user engagement by 50%.
- Used Context API to manage global state, reducing prop drilling and improving code maintainability by 35%.

## **MendAI (Personal therapy AI assistant)**

 [Live Project](#)(Prototype version)

**Tech Stack:** , React.Js, API, Context API, Axios, Node.js, Express.js, PostgreSql, MCP SERVER , Postman, Socket.io, Supabase.

- Designed a personal therapy AI assistant by using GEMINI api as base model.
- Added context providing logic to make the Model remember the conversation

- Built backend services using Node.js & Express.js, socket.io, optimizing SQL queries for fast data insertion and retrieval up to 30%.

## **SURGE (Blog & Social Networking Platform)**

 [Live Project](#)

**Tech Stack:** Next.js, TailwindCSS, Context API, Redux Toolkit, Axios, Node.js, Express.js, MySQL, Postman, Socket.io, Firebase, Aiven.co

- Designed & developed a full-stack blog and social platform, focusing on minimalistic UI/UX to enhance user retention.
- Utilized server-side rendering (SSR) with Next.js to decrease load times by 40%.
- Built backend services using Node.js & Express.js, optimizing SQL queries for 25% faster data retrieval.
- Integrated Firebase Storage for seamless media management and Socket.io for live chat & event-driven interactions.
- Implemented a unique connection feature, increasing meaningful user interactions by 60%.
- Managed global state using Redux Toolkit, reducing state management complexity by 50%.

## **YIBEE (Music Streaming & Social Networking Platform)**


 [Live Project](#)

 **Tech Stack:** React.js, TailwindCSS, Redux Toolkit, Axios, Node.js, Express.js, MongoDB, Firebase, Socket.io

- Developed a hybrid music streaming & social networking platform with engaging features like post creation, reactions, music streaming, and playlists.
- Implemented MongoDB for NoSQL storage, optimizing music retrieval speed by 35%.
- Designed a responsive UI for both desktop & mobile users, improving user accessibility by 50%.
- Created a RESTful API backend using Node.js & Express.js for smooth data exchange.
- Integrated Firebase Storage for storing and delivering media files efficiently.
- Used Socket.io for real-time interactions, enhancing user engagement by 45%.
- Optimized state management with Redux Toolkit, reducing unnecessary re-renders and increasing performance by 30%.

**HACKATHONS** - Participated In PeerList Hackathon (2024) and submitted <https://yibee-frontend.vercel.apps>

## QUALIFICATIONS

 **Self-Taught Developer** – Learned web development through online resources, official documentation (MDN), and real-world projects.

 **Diploma in Civil Engineering** – Uttarakhand Board of Technical Education (2019-2021)

 **Bachelor's in Humanities** – Uttarakhand Open University (2021-2024) (Ongoing)

