

AYUSH MANN

Hisar, Haryana • +91 81787 82252

• mannayush60@gmail.com • [linkedin.com/in/ayush-mann29](https://www.linkedin.com/in/ayush-mann29) • github.com/ayushmann29

Portfolio Website: ayush.codes

Full Stack MERN Developer with a strong foundation in computer science and hands-on experience in building responsive, scalable web applications. Proven track record in delivering impactful projects in high-pressure hackathon environments, with proficiency in cloud services, API integrations, and real-time backend development.

Skills

Languages: JavaScript, TypeScript, HTML5, CSS3, Python
Frontend: React.js, Next.js, Redux, Tailwind CSS, Bootstrap, Three.js
Backend: Node.js, Express.js, MongoDB, REST APIs, JWT, OAuth
DevOps & Tools: Git, GitHub, Vercel, Netlify, Postman, NPM, Docker, Microservices, CI/CD
Cloud & Platforms: Google Cloud Platform, onRender, AWS/GCP,
Database: MongoDB, PostgreSQL, MySQL, Redis, Firebase, MariaDB

Education

Vellore Institute of Technology , Bhopal, India	2023 Sept - 2027 Sept
● Bachelor of Technology (B.Tech.) – 8.70 CGPA	
Government Model Sanskriti Senior Secondary School , Hisar, India	2021 - 2023
● CBSE Board - Class XII: 88.8% (PCM)	
Vishwa Bharati Public School , Noida, India	2019 - 2021
● CBSE Board - Class X: 87.4%	

Experience

Outlier AI, Remote Nov 2024, Remote

Present AI Contractor

- Refined AI-generated outputs to improve relevance and accuracy by 30%.
- Enhanced user satisfaction through consistent feedback and iterative optimization.

Projects

<u>MentaAi – AI-Powered Healthcare Assistant Health Hack 2025</u>	2025 March
● Built full-stack app with React, Node.js, Express, MongoDB, JWT & OAuth.	
● Integrated secure authentication, external APIs, REST APIs and optimized data flow.	
● Collaborated with a 6-member agile team to deliver within deadline.	
<u>Halo Havoc – Massively Multiplayer IO Game</u>	2025 March
● Engineered the real-time backend for a multiplayer IO game using Node.js, Express, and WebSockets (Socket.IO) to support up to 100 concurrent players.	
● Implemented server-side game logic for player state synchronization, collision detection, and dynamic leaderboard updates.	
● Optimized data packet structure and event emission frequency to minimize latency and ensure a responsive, real-time gameplay experience.	
<u>SmartBlock – Unified Privacy Browser Extension</u>	2025 APRIL
● Designed and developed a Chrome and Firefox extension using JavaScript and Manifest V3, combining ad blocking, tracker detection, and privacy-focused URL shortening.	
● Leveraged browser-native APIs (declarativeNetRequest, PerformanceObserver, Web Crypto) for real-time content filtering and fingerprint protection.	
● Achieved 98.2% ad block rate and 94.7% tracker detection with only 1.8% false positives in performance benchmarking.	
● Links: Mozilla Add-on Store , GitHub Repo	

Leadership & Awards

HACKTOBERFEST CONTRIBUTOR	2024 OCT
● Contributed to open-source repos for 30 days; reviewed PRs within 24 hours.	
● Strengthened skills in Git workflows, issue resolution, and team-based coding.	
Google Cloud Platform Study Jams	2023 Jun - 2024 Sept
● 200+ hours of Vertex AI, API integrations, Shell scripting, and scalability enhancements.	