

# AYUSH MANN

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## SUMMARY

Full-stack developer experienced in building scalable web applications using MERN and Flask. Strong in analytical problem-solving, teamwork, and communication. Skilled in CI/CD, microservices, REST APIs, WebSockets, and debugging. Proven record of delivering production-ready solutions and measurable performance improvements in hackathons and AI-driven projects.

## EDUCATION

<b>Vellore Institute of Technology</b>	Bhopal, India
B.Tech in Computer Science – CGPA: 8.70	2023 – 2027
<b>Govt. Model Sanskriti Sr. Sec. School</b>	Hisar, India
CBSE XII – 88.8% (PCM)	2021 – 2023
<b>Vishwa Bharati Public School</b>	Noida, India
CBSE X – 87.4%	2019 – 2021

## EXPERIENCE

<b>Outlier AI</b>	Remote
AI Contractor	Nov 2024 – Jun 2025
– Reviewed and optimized AI-generated outputs, improving accuracy and contextual relevance by <b>30%</b> .	
– Enhanced customer satisfaction by <b>25%</b> through structured QA feedback and iterative refinement cycles.	
– Collaborated in agile workflows, demonstrating clear communication and reducing task turnaround time by <b>20%</b> .	

## PROJECTS

<b>MentaAi – AI Healthcare Assistant [GitHub]</b>	Mar 2025
Full-Stack Developer	
– Developed a healthcare web app (React, Node.js, MongoDB) with JWT & OAuth, managing multilingual AI health interactions.	
– Integrated Gemini API and optimized API response flow, reducing latency by <b>20%</b> .	
– Led a cross-functional team of 6, ensuring efficient communication and on-time delivery.	
<b>Project Nova – Loan Eligibility Predictor [GitHub] [Live]</b>	Sep 2025
Full-Stack Developer	
– Built and deployed a Python Flask + ML model achieving <b>98% prediction accuracy</b> .	
– Implemented an interactive metrics dashboard (Precision, Recall, F1-score) for model transparency.	
– Containerized and deployed the system on cloud infrastructure for scalability.	
<b>NIfTI-to-DICOM Web Platform [GitHub]</b>	Oct 2025
Full-Stack Developer	
– Developed a full-stack web app (React, Flask) for browser-based NIfTI-to-DICOM conversion and secure multi-user access.	
– Integrated <b>Supabase</b> for authentication and data management using <b>JWT</b> and PostgreSQL for secure storage.	
– Implemented <b>RESTful APIs</b> with <b>SimpleITK</b> and <b>pydicom</b> for advanced image processing and metadata mapping.	

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, HTML5, CSS3

**Frontend:** React.js, Next.js, Redux, Tailwind CSS, Bootstrap, Three.js

**Backend:** Node.js, Express.js, Flask, REST APIs, WebSockets, JWT, OAuth

**Databases:** MongoDB, PostgreSQL, MySQL, Firebase, Redis, MariaDB

**DevOps & Tools:** Git, Docker, GitHub Actions, Vercel, Netlify, Postman, GCP, AWS, Kubernetes, Linux

## CERTIFICATIONS & AWARDS

Hacktoberfest Contributor (2024, 2025) – Contributed to open-source, reviewed PRs, and improved Git workflows.

Google Cloud Platform Study Jams (2023–24) – Completed 200+ hours of training in Vertex AI, APIs, and scalability practices.

GrabHack Hackathon (2025) – Ranked in top 100 out of 4000 participants; advanced to Round 3 with Project Nova team.