AYUSH MANN

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SUMMARY

Full-stack developer experienced in building scalable web applications with JavaScript (React.js, Node.js) and Python (Flask). Optimized AI-generated outputs at Outlier AI, improving accuracy by 30% and enhancing customer satisfaction by 25% through structured QA and iterative refinement. Skilled in REST APIs, WebSockets, CI/CD and cloud deployment, seeking a Summer 2026 internship in AI or backend engineering.

EDUCATION

Vellore Institute of Technology | *B.Tech, Computer Science* **(GPA: 8.70)**   **Bhopal, India 2023 - 2027**

Govt. Model Sanskriti Sr. Sec. School | *CBSE XII* **(GPA: 88.8%)**   **Hisar, India 2021 - 2023**

Vishwa Bharati Public School | *CBSE X* **(GPA: 87.4%)**   **Noida, India 2019 - 2021**

EXPERIENCE

Outlier AI   **Nov 2024 - Jun 2025**
AI Contractor   *Remote*
- Reviewed and optimized AI-generated outputs using Python-based pipelines, improving accuracy and contextual relevance by 30%.
- Enhanced customer satisfaction by 25% through structured QA feedback and iterative refinement cycles, employing Docker containers for consistent testing environments.
- Collaborated in agile workflows with Git version control, demonstrating clear communication and reducing task turnaround time by 20%.

PROJECTS

MentaAi – AI Healthcare Assistant | GitHub   **Mar 2025**
- 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 20%.
- Led a cross-functional team of 6, ensuring efficient communication and on-time delivery.

Project Nova – Loan Eligibility Predictor | GitHub   **Sep 2025**
- Built and deployed a Python Flask + ML model achieving 98% prediction accuracy.
- Implemented an interactive metrics dashboard (Precision, Recall, F1-score) for model transparency.
- Containerized and deployed the system on cloud infrastructure for scalability.

NIfTI-to-DICOM Web Platform | GitHub   **Oct 2025**
- Developed a full-stack web app (React, Flask) for browser-based NIfTI-to-DICOM conversion and secure multi-user access.
- Integrated Supabase for authentication and data management using JWT and PostgreSQL for secure storage.
- Implemented RESTful APIs with and for advanced image processing and metadata mapping.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, HTML5, CSS3
- **AI / ML & data:** Feature engineering, Large Language Models (LLMs), Prompt engineering, Retrieval-Augmented Generation (RAG), Supervised learning, classification model
- **Backend:** Node.js, Express.js, Flask, WebSockets, JWT, OAuth, RESTful API, API rate limiting, Caching (Redis cache)
- **Databases:** MongoDB, PostgreSQL, MySQL, Firebase, Redis, MariaDB, Query optimization, Schema design, normalization
- **DevOps & Tools:** Git, Docker, GitHub Actions, Postman, Kubernetes, Linux, Kubernetes orchestration, CI/CD pipeline, Logging & monitoring, Cloud-native deployment (AWS/GCP)

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.