Aryan Chavan

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Education

Pune Institute of Computer Technology	**Pune, India**
Bachelor of Engineering in Information Technology — GPA: 9.57/10.0	*June 2026*
Global Public School & Jr. College	**Pune, India**
Higher Secondary Certificate — 87.5%	*March 2022*

Technical Skills

Programming Languages: C++, Python, JavaScript, HTML, CSS
Databases: PostgreSQL, MySQL, MongoDB, HBase
Frameworks & Libraries: Node.js, Express.js, Flask, React
Tools & Technologies: Git, GitHub, VS Code, Firebase, Hadoop, HiveQL, Postman, Azure, NGINX

Experience

AI/ML Developer Intern   **Feb 2025 – May 2025**
LSOYS Apps   *Remote*

– Developed fraud detection algorithms and face recognition systems for security footage analysis, enhancing surveillance capabilities in digital platforms
– Implemented machine learning models for personalized product recommendations, increasing user engagement and sales in e-commerce applications

Projects

Pictofest — React, Firebase, PostgreSQL, Node.js, Express, Azure   **Dec 2024 – Jan 2025**

– Built and deployed full-stack art competition platform with secure image uploads, role-based authentication, and optimized database queries
– Implemented public voting system with fraud prevention and integrated event-driven email notifications
– Deployed scalable architecture using Azure cloud services with NGINX and PM2 for production environment
– Live application: pictofest.in

Foveated Rendering — Python, OpenCV, NumPy, Mediapipe   **Oct 2024**

– Optimized CPU performance by dynamically adjusting screen resolution across foveal, near, and far peripheral regions
– Implemented real-time gaze and blink detection using Mediapipe for hands-free cursor control
– Added visual boundary markers using OpenCV to improve user interaction clarity and system usability

Hackathons & Competitions

Hack-a-Tone — Winner   **July 2025**

– Built voice-based AI platform for welfare scheme navigation, enabling citizens to access government services in their native language with minimal digital literacy requirements

ZS Campus Beats — Winner   **May 2025**

– Selected among top 125 teams across India in ZS Campus Beats Tech-Challenge competition

Seminar Poster Presentation — Runner-up   **Sept 2024**

– Secured 5th position in department for poster presentation on "Foveated Rendering" to industry experts

Relevant Coursework

Cloud Computing, Object-Oriented Programming, Data Structures & Algorithms, Computer Networks, Database Management Systems, Data Science and Big Data Analysis, Discrete Mathematics, Processor Architecture