

ARNAV JOSHI

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Innovative and results-driven Information Technology student with a strong foundation in software development, cloud computing, artificial intelligence, and competitive coding. Passionate about building scalable solutions, leveraging machine learning, and optimizing backend architectures. Adept at leading teams, solving complex problems, and adapting quickly to new challenges. Seeking opportunities to contribute technical expertise and leadership skills in dynamic environments.

EDUCATION

B.Tech in Information Technology

2023-(Expected)2027

Shri Ramdeobaba College of Engineering and Management

CGPA~9

SKILLS

- Critical Thinking & Problem-Solving
- Leadership & Team Collaboration
- Strong Communication & Public Speaking
- Adaptability & Quick Learning
- Project Management & Time Efficiency
- Creativity & Innovative Thinking

PROJECTS

- **ThreatShield AI** [🔗](#) | [GitHub](#) |
 - Engineered a proactive threat intelligence platform using Next.js and GROQ, improving threat detection efficiency by 40%. Architected a real-time data pipeline that analyzes multi-modal data (audio, image, text) and leverages GROQ for high-speed queries, delivering actionable insights to a dynamic user dashboard.
- **EduBot** [🔗](#) | [GitHub](#) |
 - Built a personalized AI learning companion with a Next.js frontend and Flask backend. Leveraged the Gemini API to generate on-demand study materials, including flashcards and quizzes, boosting user learning efficiency by 35%. The Flask API handles all content generation logic, providing a seamless and interactive educational experience.
- **Smart-Shop** [🔗](#) | [GitHub](#) |
 - Revolutionized the retail experience with a frictionless checkout system using Next.js and AWS Lambda, cutting customer wait times by 100%. The serverless backend uses event-driven Lambda functions for real-time item detection, inventory tracking, and automated billing, ensuring data consistency and scalability.
- **Infinity Quest**
 - Developed a captivating retro adventure game in pure JavaScript, engineering a performant engine from scratch. Implemented tile-based rendering, a custom collision detection system, and state-based enemy AI to ensure a smooth, 60 FPS gameplay experience and high user engagement.

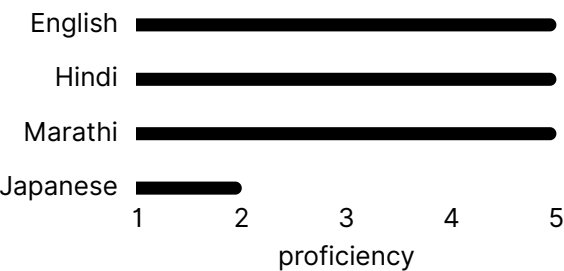
WORK & LEADERSHIP EXPERIENCE

- **Full Stack Developer Intern** | Youniformwala
 - *Remote | May 2025 – Aug 2025 (10 weeks)*
 - Developed and deployed a full-stack e-commerce platform using Next.js, Flask, and SQLAlchemy.
 - Implemented secure, token-based JWT authentication and led end-to-end debugging, resolving 50+ critical bugs to ensure a stable product launch.
- **Technical Co-Head** | Colosseum 15.0
 - *Nagpur, Maharashtra | Jan 2025 – Feb 2025 (4 weeks)*
 - Led a team of 5 developers to launch the official event website, handling 2,000+ visitors with zero downtime.
 - Developed a JavaScript game that increased participant engagement by 40% and reduced backend API response time by 30% through optimization.
- **Tech Intern** | CompEx 2025
 - *Nagpur, Maharashtra | Jan 2025 (2 weeks)*
 - Deployed a real-time scoreboard using Firebase and React for live, synchronized score updates.
 - Managed all technical setup and troubleshooting for gaming competitions, ensuring zero downtime for 100+ participants.
- **Technical Coordinator** | Rotaract Club RBU
 - *Nagpur, Maharashtra | Jul 2024 – Present (~57 weeks)*
 - Managed technical logistics for events, increasing online reach by 50% through live streaming and digital promotion.
 - Developed and maintained the club website to streamline event registration and member communication.

TECH STACK

- **Programming Languages:**
 - JavaScript, Python, C, Java
- **Frontend Development:**
 - HTML, CSS, React, Next.js
- **Backend Development:**
 - Node.js, Express, Flask
- **Database & Storage:**
 - MongoDB, SQL, Firebase
- **Machine Learning & AI:**
 - TensorFlow, OpenCV, Hugging Face
- **Cloud Computing & System Design:**
 - Azure Virtual Machines, Blob Storage, API Architecture, Scalability
- **Cybersecurity & Blockchain:**
 - Smart Contracts, Secure Transaction Systems
- **Competitive Coding & DSA:**
 - 100+ problems on LeetCode, Codeforces; Google Kick Start, CodeJam, CodeChef
- **Version Control:**
 - Git, GitHub
- **Game Development Tools:**
 - Tiled, Phaser.js

LANGUAGES



HOBBIES

- **Technology & Development:**
 - AI/ML Research, Cybersecurity, Open-Source Contributions
- **Gaming & Tech:**
 - Video Games, Game Development, Competitive Coding
- **Entertainment & Media:**
 - Anime, TV Shows, Movies, Documentaries, Music, Reading
- **Outdoor & Active:**
 - Cycling, Riding, Hiking, Exploring