# YASHVARDHAN SHARMA

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## PROFESSIONAL SUMMARY

Dedicated Software Engineer with expertise in full-stack development, machine learning, and blockchain technologies. Proven track record of developing scalable applications and implementing innovative solutions. Strong foundation in data structures and algorithms with experience in building high-performance web applications serving thousands of users.

## EDUCATION

**Bachelor of Technology (B.Tech) in Computer Science Engineering** *2021 – 2025*
Shri Vaishnav Institute of Technology and Science, Indore
**CGPA:** 7.6/10.0 — **Relevant Coursework:** Data Structures, Algorithms, Machine Learning, Web Development

## PROFESSIONAL EXPERIENCE

**Software Development Intern** *Nov 2024 – Jan 2025*
**Coreintels Pvt Ltd, Bengaluru**

- Led development of microservices architecture serving 1M+ monthly users, improving system scalability by 40%
- Optimized API response time by 30% through implementation of efficient caching strategies
- Integrated real-time database synchronization using Firebase and Prisma, achieving 99.9% uptime

## TECHNICAL SKILLS

- **Programming Languages:** Advanced proficiency in JavaScript (ES6+), Python, C++, Java, Go, Solidity
- **Web Development:** React.js, Node.js, Express.js, Next.js, MongoDB, REST APIs, GraphQL
- **Machine Learning:** TensorFlow, Convolutional Neural Networks, Computer Vision, Data Analysis
- **Cloud & Databases:** Firebase, MongoDB Atlas, PostgreSQL, Supabase, Prisma ORM
- **Development Tools:** Git, Docker, CI/CD, Agile Methodologies, Test-Driven Development
- **Blockchain:** Smart Contract Development, Web3.js, Ethereum Development

## TECHNICAL PROJECTS

**Anonymous Messaging Platform** — Next.js, Firebase, JWT Authentication

- Engineered secure messaging platform serving 5,000+ active users with end-to-end encryption
- Implemented real-time updates and notifications using Firebase WebSockets
- Reduced data fetching latency by 25% through implementation of efficient caching strategies

**Video Streaming Platform (YashTube)** — MERN Stack, WebRTC

- Developed full-stack video platform with features like content recommendation and user analytics

- Implemented advanced search functionality and content categorization using MongoDB aggregation
- Optimized video delivery resulting in 40% faster load times and improved user engagement

**Emotion Detection System** — TensorFlow, OpenCV, Python

- Built CNN-based emotion recognition system achieving 85% accuracy in real-time classification
- Implemented feature extraction and face detection using OpenCV computer vision library
- Processed and analyzed 10,000+ facial images for model training and validation

## ACHIEVEMENTS & LEADERSHIP

- Secured Runner-up position in National Hackathon 2023 among 300+ participating teams
- Led 3-person team to develop innovative blockchain solution during 48-hour hackathon
- Completed TensorFlow Developer Certification with specialization in Deep Learning
- Active contributor to open-source projects with 50+ GitHub contributions

## PROFESSIONAL DEVELOPMENT

- **Certifications:** TensorFlow Developer Certificate, Blockchain Developer Certification
- **Training:** Advanced Algorithms Workshop, Cloud Architecture Fundamentals
- **Soft Skills:** Technical Leadership, Project Management, Cross-functional Collaboration

## ADDITIONAL INFORMATION

**Languages:** English (Professional Working Proficiency), Hindi (Native)
**Interests:** Competitive Programming, System Design, Open Source Development
**Activities:** Powerlifting, Chess (Intermediate Level), Technical Blog Writing