

Rishab Chaudhary

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Experience

Frontend Developer

Sep. 2023 – Present

Blockchain Research Lab

Ghaziabad, IN

- Contributed to College Website, Team Management System, and Recruitment Test Portal using React, Next.js, Tailwind CSS, Node.js, Express.js, and MongoDB.
- Coordinated technical events with a 30+ member team as 3rd-year student coordinator.

Full Stack Developer Intern

Jul. 2025 – Sep. 2025

Giakaa Capital

Remote

- Collaborated with a 5-member team to deliver 5+ production-ready web applications using Next.js, TypeScript, and animation libraries (Framer Motion, GSAP, Lenis), focusing on scalability, UX optimization, cross-browser compatibility, and accessibility.
- Mentored interns and junior developers, enforcing code quality, best practices, and effective team communication.

Full Stack Development Intern

Jun. 2025 – Jul. 2025

Zynn.ai

Remote

- Engineered an Instagram automation bot for beauty product identification with one-click ordering, integrating social media APIs, Razorpay payment gateway, and secure authentication using React, Node.js, and Express.js.
- Collaborated with a 5-member cross-functional team to deliver the full-stack solution within a tight deadline.

Projects

Research Helper | *Python, Flask, LangChain, Llama 2, ChromaDB, Ollama, PyPDF2, BeautifulSoup* [GitHub Repo](#)

- Built autonomous multi-agent AI pipeline with 5 specialized agents automating literature retrieval, summarization, and academic writing, reducing research time by 70% while processing 50+ papers per query.
- Implemented semantic search across IEEE Xplore and Google Scholar with ChromaDB vector database, generating IEEE-formatted drafts with 95% citation accuracy and proper academic standards compliance.

Real-Time WebRTC VLM Object Detection | *React, Flask, WebRTC, YOLO, Docker* [GitHub Repo](#) | [Live Demo](#)

- Built real-time multi-object detection app with dual modes browser based WASM (on-device inference via ONNX Runtime Web) for low-spec devices to reduce server round-trips, and server mode for higher accuracy; achieved 95% recognition accuracy with live latency/FPS dashboard and 40% lower processing time.
- Containerized and deployed with Docker Compose enabled external phone access via QR and scaled to 100+ concurrent users.

TakeAllNotes | *React 19, Node.js, Express.js, MongoDB, JWT*

[GitHub Repo](#) | [Live Demo](#)

- Created a note-taking application with dual authentication (email/OTP, Google OAuth), full CRUD, and JWT-based authorization with secure token management and user-specific note isolation, serving 500+ users with 99% data security.

Technical Skills

Languages: JavaScript, TypeScript, Java, Python, C/C++, SQL, HTML5, CSS3

Frontend: React.js, Next.js, Tailwind CSS, Redux, Framer Motion, GSAP, Lenis, Locomotive Scroll, Flutter

Backend: Node.js, Express.js, Spring Boot, Flask, FastAPI, RESTful APIs, GraphQL, Socket.io, gRPC

Databases: MongoDB, MySQL, PostgreSQL, Prisma ORM, Mongoose, Sequelize, ChromaDB

ML & AI: YOLO, OpenCV, ONNX Runtime, Computer Vision, Object Detection, NumPy, LangChain, Ollama, Large Language Models, Multi-Agent Systems, RAG, Tesseract OCR

Cloud & DevOps: AWS (S3, EC2), Google Cloud Platform, Docker, Kubernetes, Firebase, Nginx, GitHub Actions

Monitoring & Auth: Grafana, Prometheus, Jaeger, JWT, NextAuth.js, Passport.js, OAuth

Tools: Git, GitHub, Postman, Figma, WebRTC, WebSockets, Vite, Razorpay Integration, BeautifulSoup, Selenium

Programming Profiles: [Leetcode](#), [GeeksforGeeks](#)

Achievements/Certifications

- [Business Professional Programmer \(DOEACC 'O' Level\)](#) - NIELIT (Jan 2024).
- [Cyber Security and Applied Ethical Hacking](#) - Infosys Springboard (Apr 2025).
- [Learn Artificial Intelligence with TensorFlow](#) - Infosys Springboard (Apr 2025).
- Open Source Contributor - GirlScript Summer of Code (GSSOC) and Hacktoberfest with 50+ contributions.
- Led technical team of 30+ members in organizing campus-wide hackathon with 200+ participants.

Education

Ajay Kumar Garg Engineering College

Nov. 2022 – Jun. 2026

Bachelor of Technology in Information Technology (CGPA: 8.6/10)

Ghaziabad, IN