

# Krishna Jain

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## PROFESSIONAL SUMMARY

Enthusiastic and skilled Computer Science student with a zeal for software development and machine learning. Known for effective communication, problem solving, and commitment to continuous learning in cutting-edge technologies.

## EDUCATION

- Indian Institute of Information Technology** Sri City, India  
*BTech - Computer Science and Engineering; GPA: 9.22* August 2023 - Present  
*Courses:* Operating Systems, Data Structures and Algorithm, Computer Architecture, Probability and Statistics, DBMS

## SKILLS SUMMARY

- Languages:** JavaScript, TypeScript, Python, SQL, HTML/CSS, Java
- Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, Flask, Apollo Server, TailwindCSS, Material-UI
- Databases & ORM:** MongoDB, PostgreSQL, Redis, Prisma, MySQL
- Messaging, Streaming & APIs:** Kafka, Socket.IO, WebSockets, REST APIs
- Deployment & Tools:** Docker, Nginx, AWS (Lambda, EC2, S3), Vercel, Git, Postman, Linux, Jupyter Notebook
- Soft Skills:** Leadership, Writing, Public Speaking, Time Management

## EXPERIENCE

- Grow Digi India Ltd - Intern** Remote  
*AI Intern (Part-time)* October 2024 - December 2024  
As an AI Intern at Grow Digi India Ltd., you will focus on developing innovative solutions in Natural Language Processing (NLP) and Generative AI. Your role involves researching and implementing cutting-edge AI techniques to create impactful and efficient applications.
- Renew Energy - Intern** On-Site  
*Model Developer and Optimization (Full-time)* July 2024 - Aug 2024
  - Data Analysis:** Analyze data related to key performance indicators (KPIs) and financial metrics. Prepare reports and presentations to communicate the findings to senior management.
  - Market Research:** Conduct market research to identify trends, opportunities, and potential threats. Provide insights into market dynamics and customer preferences.
  - Strategic Planning:** Assist in the development and refinement of the company's strategic plans. Conduct market research and competitive analysis to support decision making.
- Epoch (Machine Learning Club)**  
*Domain - Neuronauts* August 2024 - Present
  - Co-Lead (Aug 2025 - Present):** Leading initiative, mentoring members, and driving AI/ML projects.
  - Core Member (Aug 2024 - Aug 2025):** Assisted in organizing events and contributed to ML project development.

## PROJECTS

- NewsNet (Real-Time News Aggregator with Kafka):** Engineered a scalable news platform using Apache Kafka on AWS MSK for high-throughput data streaming. Implemented personalized feeds, instant email notifications, and automated article archiving with category filtering. Tech Stack: React, Node.js, MongoDB, Apache Kafka, AWS MSK, Three.js. 🚀
- Opulence (Luxury E-commerce Platform):** Built a comprehensive e-commerce solution featuring a digital wallet, coupon system, and Razorpay payment integration. Implemented secure authentication, real-time order tracking, and an admin dashboard for transaction analytics. Tech Stack: React, Node.js, MongoDB, Redux, TailwindCSS, Razorpay. 🚀
- PollApp (Polling Application with REST GraphQL):** Developed a full-stack platform enabling users to create polls and view real-time results. Implemented secure JWT-based authentication with email verification and built GraphQL endpoints for optimized data fetching. Tech Stack: Node.js, Express, MongoDB, Prisma ORM, PostgreSQL, GraphQL, Nodemailer. 🚀
- DocSync (Real-Time Collaborative Editor):** Developed a collaborative document editor using Next.js with WebSockets for live synchronization across multiple users. Implemented secure Google OAuth 2.0 authentication and a low-latency interactive editing interface. Tech Stack: Next.js, WebSockets, Google OAuth 2.0, Socket.IO. 🚀
- ChatterBox (P2P Video Chat Application):** Architected a video calling app utilizing WebRTC and Socket.IO for seamless peer-to-peer streaming. Features include media controls (mute/video toggle) and secure session management via JWT and cookies. Tech Stack: React, TailwindCSS, Node.js, MongoDB, WebRTC (Simple-Peer), Socket.IO. 🚀

## CERTIFICATIONS

- IBM Data Science Professional Certificate
- Tensorflow-Keras Bootcamp (OpenCV University)
- DeepLearning.AI Professional Certificate(Deep Learning)