Anuj Yadav

Portfolio: portfolio-ivory-zeta-85.vercel.app
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EDUCATION

- **Indian Institute of Information Technology Kota** — Kota, India
  Bachelor of Technology - Computer Science and Engineering — *July 2020 - June 2025*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages**: C++, Python, Java, JavaScript, TypeScript, SQL
- **Frameworks**: React, Next.js, AngularJS, Django, Django REST Framework
- **Tools**: Kubernetes, Docker, Git, PostgreSQL, MongoDB
- **Concepts**: Machine Learning, Operating Systems, OOPS, Database Management

EXPERIENCE

- **Bigfig.AI** — Remote
  SDE I – Backend — *Nov 2024 – May 2025*
  - **Backend Services**: Engineered modular services using Python, Django, and PostgreSQL.
  - **API Architecture**: Architected scalable APIs, increasing reliability by 35%.
  - **Collaboration**: Contributed to 2 major internal products, ensuring timely delivery.

- **Bigfig.AI** — Remote
  SDE Intern — *Mar 2024 – Nov 2024*
  - **API Development**: Programmed RESTful APIs with Django REST Framework and AngularJS, reducing development cycle by 15+ hours.
  - **OAuth Integration**: Implemented OAuth-based login, reducing user login time by 30%.
  - **Database Optimization**: Optimized queries with indexing and caching, improving API response times by 25%.
  - **Data Collection**: Performed web scraping for ML datasets, improving training accuracy.

- **Unity Labs** — Remote
  Full Stack Developer — *Jan 2024 – Mar 2024*
  - **UI Components**: Crafted 15+ reusable and responsive UI components using React, Next.js, and SCSS, boosting engagement by 20%.
  - **Dashboards**: Engineered 10+ dashboard modules with seamless API Configurations, reducing rendering time by 25%.
  - **Collaboration**: Worked with product, design, and backend teams to refine features, improving performance by 15%.

PROJECTS

- **VisionPad – Real-Time Collaboration Platform (Jun 2025)**:
  - Developed a real-time collaborative whiteboard using Next.js and React.
  - Leveraged **Liveblocks** for instant multi-user sync and **Clerk** for secure authentication.
  - Utilized **Convex** for persistent, real-time data storage and synchronization.
  - Designed an intuitive UI for seamless cross-device collaboration.
  - **Live Demo:** vision-pad-83a.vercel.app
    Repo: github.com/droid-anuj

- **FilmZ – Web Application (Mar 2022)**:
  - Built a responsive web application using React and Redux, receiving positive usability feedback from 95% of early users.
  - Incorporated **TMDB API** to render diverse content types efficiently, reducing load times by 30%.
  - **Repo:** github.com/droid-anuj/Filmz

- **Image Classifier for Disease Detection in X-Ray Images (May 2023)**:
  - Designed a deep learning model with CNN, achieving 89% test accuracy and 92% validation accuracy in pneumonia detection.
  - Improved training pipeline by enhancing data generators, cutting training duration by 2 hours/day.
  - Performed **AUROC analysis**, improving model reliability and clinical decision-making by 10%.
  - **Colab Notebook:** Google Colab Link

ACHIEVEMENTS AND CERTIFICATIONS

- **LeetCode**: Solved 400+ problems, with a personal best of 150+ problems solved in a single month.
- **React - The Complete Guide**: Completed comprehensive React course covering Hooks, React Router, Redux.
- **The Complete Web Development Course**: Completed online course covering full-stack web development concepts.