

Anuj Yadav

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Professional Summary

Computer Science graduate from IIIT Kota with extensive experience building scalable web applications. Demonstrates expertise in Python, Django, React, and JavaScript with proven ability to deliver high-quality software solutions. Possesses strong analytical skills in machine learning, database optimization, and agile methodologies. Seeks Software Engineer positions to contribute technical knowledge toward innovative product development.

Technical Skills

Programming Languages: Python, JavaScript, TypeScript, Java, C++, SQL, HTML, CSS
Frontend Frameworks: React, Next.js, AngularJS, Redux, Bootstrap, SCSS
Backend Technologies: Django, Django REST Framework, Node.js, RESTful APIs
Databases: PostgreSQL, MongoDB, MySQL
Tools and Platforms: Docker, Kubernetes, Git, GitHub, CI/CD
Core Concepts: Machine Learning, Data Structures, Algorithms, Object-Oriented Programming

Professional Experience

Software Development Engineer I Nov 2024 – May 2025
Bigfig.AI Remote

- Engineers modular backend services using Python and Django, supporting 1000+ daily active users
- Architects scalable API solutions resulting in 35% improvement in system reliability
- Collaborates with cross-functional teams to deliver two major internal products on schedule
- Optimizes database performance through advanced indexing and query enhancement techniques
- Maintains code quality standards through comprehensive peer reviews and documentation

Software Development Engineer Intern Mar 2024 – Nov 2024
Bigfig.AI Remote

- Programs RESTful web services with Django REST Framework, reducing project timeline by 15 hours
- Integrates OAuth authentication protocols, decreasing user login duration by 30%
- Enhances database query performance through caching strategies, improving response time by 25%
- Executes web scraping operations for machine learning dataset acquisition
- Coordinates with senior engineers to establish coding best practices and maintain technical documentation

Full Stack Developer Intern Jan 2024 – Mar 2024
Unity Labs Remote

- Constructs 15+ responsive UI components utilizing React and Next.js, boosting user engagement by 20%
- Designs interactive dashboard modules with seamless API connections, reducing render time by 25%
- Partners with product management and design teams to enhance application performance by 15%
- Ensures cross-browser compatibility and mobile responsiveness across all platform interfaces

Education

Bachelor of Technology in Computer Science Engineering July 2020 – June 2025
Indian Institute of Information Technology Kota Kota, India

- Coursework: Data Structures, Algorithms, Operating Systems, Database Management, Computer Networks, Artificial Intelligence, Software Engineering

Projects

VisionPad Real-Time Collaboration Platform | *Next.js, React, Liveblocks, Clerk, Convex* June 2025

- Constructs collaborative whiteboard application enabling simultaneous multi-user interaction
- Incorporates Liveblocks technology for instantaneous cross-device synchronization
- Establishes secure authentication system with role-based access control via Clerk integration
- Utilizes Convex for persistent real-time data storage across connected sessions
- Creates responsive interface ensuring optimal user experience on mobile and desktop platforms
- Deployment: vision-pad-83a.vercel.app

FilmZ Movie Discovery Application | *React, Redux, TMDB API, JavaScript* March 2022

- Constructs movie discovery platform utilizing React for component-based architecture
- Integrates TMDB API for dynamic content rendering with 30% faster loading times
- Implements advanced search functionality with filtering capabilities

- Achieves 95% positive user satisfaction through intuitive interface design
- Repository: github.com/droid-anuj/Filmz

Medical Image Classification System | *Python, TensorFlow, CNN, Deep Learning*

May 2023

- Designs Convolutional Neural Network for pneumonia detection in chest radiographs
- Achieves 89% test accuracy and 92% validation accuracy through model optimization
- Creates data preprocessing pipeline reducing training duration by 2 hours daily
- Performs AUROC analysis enhancing clinical decision support by 10%
- Deploys Flask-based API for real-time medical image analysis

Certifications and Achievements

Algorithm Problem Solving: Completed 400+ LeetCode challenges focusing on data structures and optimization techniques

React Complete Guide Certificate: Comprehensive training covering Hooks, Router, Redux, and modern React patterns

Full Stack Web Development Certificate: Extensive coursework in frontend and backend technologies

Programming Achievement: Solved 150+ coding problems in single month demonstrating consistent problem-solving abilities