

Anshul Badoni

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SUMMARY

Results-driven full-stack AI engineer with hands-on experience delivering scalable AI-enabled web applications. Proficient in Node.js, FastAPI, Next.js, Angular, and real-time systems; skilled in production ML integration, model serving, and data-driven personalization. Demonstrated ability to reduce latency, improve engagement, and drive observability in production systems. Seeking senior roles focused on end-to-end AI solution architecture and delivery.

WORK EXPERIENCE

Monet Networks - Software Engineer
Gurugram

Apr 2025 - Present

- Maintained and extended real-time survey platform using Node.js, WebRTC and Janus Gateway, improving system stability by 30% and reducing response latency by 20%.
- Designed and integrated AI/ML microservices (face emotion detection, blink analysis) via FastAPI, increasing survey engagement and improving sentiment accuracy.
- Optimized backend workflows and API endpoints, achieving a 15% improvement in average API response time and enabling more personalized survey experiences.
- Collaborated with product and frontend teams to deliver low-latency real-time features and improve observability for production systems.

Synergy Software - Software Developer
Noida

Apr 2024 - Apr 2025

- Implemented responsive finance products using Angular, Next.js, Node.js and Express.js, improving application performance and user experience through front-end and backend optimizations.
- Built modular, testable components and services to accelerate feature delivery and reduce regression risk across releases.
- Worked with stakeholders to convert business requirements into scalable technical solutions and improved deployment workflows.

IBM - Data Science Intern
Remote

Jan 2024 - Apr 2024

- Developed a hybrid recommendation system that combined collaborative and content-based approaches to improve recommendation relevance.
- Implemented end-to-end evaluation pipelines to measure model performance and supported iteration on feature engineering and model tuning.

PROJECTS

Jobify (AI-powered Job Matching)

Tech: Node.js, FastAPI, Next.js, gRPC, Redis, WebSockets

AI-driven job matching platform that combines profile parsing, vector search, and ML scoring. Utilizes Node.js for core services, FastAPI for AI tasks, gRPC for inter-service communication, Redis for caching, and WebSockets for real-time notifications; delivered a production-ready pipeline with reduced match

latency.

Compliance App

Tech: Next.js, Express.js, Node.js, PostgreSQL, Redis, WebSockets

Full-stack productivity tool with real-time chat and task management. Implemented Retrieval-Augmented Generation (RAG) to surface project insights and improve team productivity.

J++ Language

Tech: C

Designed and implemented a dynamic programming language with a custom lexer, parser, and AST visitor in C to explore compiler concepts and language design.

EDUCATION

2022 - 2024	MCA - AI & ML - University of Petroleum and Energy Studies (UPES)
2019 - 2022	BCA - IoT - University of Petroleum and Energy Studies (UPES)

TECHNICAL SKILLS

Programming Languages	C, C++, Java, Python, JavaScript, TypeScript
Frameworks / Libraries	Node.js, Express.js, NestJS, FastAPI, Angular, React.js, Next.js, TensorFlow, Scikit-learn
Tools / Platforms	Git, Tailwind CSS, Redis, Kafka, BullMQ, gRPC, WebSockets, WebRTC, Janus Gateway, ChromaDB
Databases	MongoDB, MySQL, OracleDB, PostgreSQL