

Mohd Kaif Ansari

Software Engineer — Full Stack & AI

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Professional Summary

Full-stack engineer who takes AI-powered web and mobile products from idea to production using React, Next.js, React Native, TypeScript, and Node.js – with hands-on experience in LLM integration and large-scale workflow automation.

Technical Skills

Languages: JavaScript, TypeScript, Python, HTML5, CSS3, C

Frontend: React.js, Next.js, React Native, Expo, Bootstrap

Backend: Node.js, REST APIs, API Integration, Google Apps Script

Database: Supabase, Firebase, MySQL

AI & Automation: Gemini API, Grok API, ML Kit OCR, Prompt Engineering, Power Automate, Smartsheet API, Playwright

Tools: Git, GitHub, GitHub Actions, VS Code, Netlify, Vercel, Chrome DevTools

Engineering Projects

IngRyn – AI-Powered Ingredient Analysis Platform React Native (TypeScript) • Expo • Supabase • ML Kit • Gemini

GitHub

- Designed and developed an AI-powered mobile application that analyzes packaged food ingredients using OCR and large language models.
- Built an AI inference pipeline using the Gemini API to evaluate ingredient safety from OCR-extracted label text.
- Implemented Supabase authentication, cloud storage, and persistent scan history for authenticated users.

AutoBrief AI – Intelligent News Aggregation Platform Next.js (TypeScript) • Node.js • Grok • GitHub Actions

GitHub | Live Demo

- Engineered a production-ready AI news aggregation platform that automatically collects, summarizes, and publishes news.
- Built automated RSS ingestion pipelines using Node.js to aggregate and normalize news from multiple publishers.
- Designed resilient AI inference workflows using dynamic Grok API key rotation, retry policies, and automatic failover to overcome rate limits.

Dental RCM Workflow Automation

Power Automate • Smartsheet API • Python • Playwright

- Built a Power Automate + Smartsheet system aggregating AR claims data across ~160 dental offices into a centralized master sheet, with deduplication logic and parallel processing to cut runtime.
- Designed real-time and historical dashboards for AR (160 offices) and Patient Billing (41 offices) teams, and built a Python + Playwright suite to extract data from a legacy billing platform.

Education

Indira Gandhi National Open University (IGNOU) 2026–Present
Master of Computer Applications (Pursuing)

United Institute of Management, Prayagraj 2022–2025
Bachelor of Computer Applications (76.3%)

Experience

Web & Android Development Intern – Netcamp Solutions Pvt. Ltd. Sep 2023–Oct 2023

- Built responsive web and Android UI components; collaborated on feature implementation, debugging, and testing.

Leadership & Achievements

- Club Captain – Web Development Club (2023–2024); mentored students in JavaScript, React, Git and frontend development.
- First Place – Machine Learning with Python (UI Integration Project).
- Certifications: IBM Cybersecurity Basics, HackerRank Python (Basic), Netcamp Android Development.