MANISH KUMAR

Email: bcawithmanish0008@gmail.com | Mobile: +91 8271735190 | Vadodara, Gujarat, India
GitHub | Portfolio | LinkedIn | LeetCode

SUMMARY

AI Engineer with hands-on experience developing NLP pipelines (Hugging Face Transformers, DistilBERT), LLM systems, and end-to-end machine learning workflows in Python. Proficient in automated data preprocessing (NumPy, Pandas, Scikit-learn), vector retrieval, and integrating low-latency AI inference APIs alongside production backend architectures (Spring Boot, Node.js, MySQL).

TECHNICAL SKILLS

AI & Deep Learning: PyTorch, Hugging Face Transformers, DistilBERT, NLP, Scikit-learn, NumPy, Pandas, Model Evaluation
Generative AI & LLMs: Groq API (LLMs), RAG, Prompt Engineering, Vector Databases (ChromaDB), Embeddings, LangChain
Backend & APIs: Spring Boot, Node.js, Express.js, REST APIs, JWT, Prisma ORM
Languages & Frontend: Python, Java, JavaScript (ES6+), SQL, React.js, React Native (Android), Tailwind CSS, HTML5, CSS3
Databases: MySQL, MongoDB, Firebase, Supabase
Developer Tools: Git, GitHub, Postman, VS Code, Vercel, Linux

WORK EXPERIENCE

FULL STACK DEVELOPER — LIVEBRAIN DIGITAL MARKETING AGENCY | LINKEDIN — September 2026 – Present

- Developing and deploying scalable full-stack web applications, marketing analytics platforms, and RESTful APIs using React.js, Node.js, and Express.js.
- Engineered automated data ingestion pipelines and lead-capture workflows, optimizing API data exchange and database interactions for high throughput.
- Collaborating cross-functionally with marketing and design teams to deliver responsive, high-speed, SEO-optimized web components and client analytics dashboards.

REACT NATIVE MOBILE DEVELOPER (ANDROID) — WORK IT SOLUTION | CERTIFICATE — August 2026 – September 2026

- Engineered and deployed an Android mobile application utilizing React Native, designing modular UI component architectures, smooth gesture navigation, and scalable state handling.
- Collaborated with backend teams to integrate RESTful API endpoints and optimized client-side data caching, reducing re-render latency and improving UI responsiveness.
- Debugged asynchronous data flows and native Android lifecycle events across release builds, ensuring high stability, low memory overhead, and smooth device performance.

FULL STACK DEVELOPER & ERP ENGINEER — FREELANCE | LIVE SITE — January 2026 – Present

- Architected and deployed both the official institutional web portal and College ERP system for M.K.R. College (mkrcollege.com) using Node.js, Express.js, MongoDB, and React.js, serving 3,000+ monthly active visitors.
- Designed and implemented 15+ secure RESTful API endpoints for notice boards, faculty directories, student ERP records, and digital admit-card downloads with structured schema validation.
- Optimized database query performance by indexing MongoDB schemas across 5,100+ student records and 500+ documents, reducing data retrieval latency from 1.2s to under 300ms (75% reduction).

PROJECTS

SentixAi — AI-Powered Sentiment Analysis Platform | GITHUB

- Architected an end-to-end NLP analytics platform integrating Hugging Face Transformers (DistilBERT) and PyTorch for zero-cost, privacy-focused sentiment classification on 50,000+ review datasets, achieving 92%+ accuracy.
- Engineered an automated data preprocessing and batch tokenization pipeline utilizing Python, Node.js, and Prisma ORM with MySQL for review tokenization, batch text classification, and analytical reporting.
- Developed a responsive analytics interface using React 18, TypeScript, and Tailwind CSS with secure OTP-based Firebase authentication and real-time sentiment distribution charts.
- **Stack:** Python, PyTorch, Hugging Face (DistilBERT), Transformers.js, NLP, Scikit-learn, React 18, TypeScript, Node.js, Express, Prisma ORM, MySQL, Tailwind CSS, Firebase

FutureForge AI — Intelligent SaaS Career Platform | GITHUB | LIVE

- Architected a full-stack AI-powered SaaS platform utilizing Groq LPU API (LLMs) and structured prompt engineering to dynamically infer personalized career domains, learning roadmaps, and automated AI mentorship pathways.
- Integrated low-latency LLM inference (<180ms TTFT) with context-aware prompt chaining and hallucination guardrails, coupled with server-side automated PDF career report generation using iText.
- Developed high-performance backend microservices using Spring Boot 3.3 and MySQL with JWT and Google OAuth2 authentication, paired with a modern React 18 frontend.
- **Stack:** Spring Boot 3.3, Java, Groq API (LLMs), Prompt Engineering, REST APIs, MySQL, JWT, OAuth2, iText PDF, React 18, Tailwind CSS

EDUCATION

Parul University — **Vadodara, Gujarat**
Bachelor of Computer Applications (BCA) — August 2024 – May 2027

CERTIFICATIONS

Introduction to Databases — Jan 2025 – Apr 2025
NPTEL, IIT Kharagpur | CERTIFICATE

Computer Networks and Internet Protocol — May 2026
NPTEL, IIT Kharagpur | CERTIFICATE