ANSHUMAN PANDEY

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EDUCATION

Bennett University   Noida, India
B.Tech in Computer Science Engineering (AI), CGPA: 7.0   Aug 2022 – Present

Apeejay School   Noida, India
Class XII CBSE, 83.6%   Mar 2022

Apeejay School   Noida, India
Class X CBSE, 80.2%   Apr 2020

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML5, CSS3, SQL, MySQL, PHP
Frameworks & Libraries: Node.js, React.js, Streamlit, Flask, TensorFlow, Keras, Scikit-learn, NumPy, Pandas, NLTK
Tools & Platforms: REST APIs, BERT, NLP, Machine Learning, Deep Learning, Firebase, GCP, Git, Docker, Apache, CI/CD

PROFESSIONAL EXPERIENCE

Associate, Digital Infrastructure Department   Oct 2025 – Present
Weber Innovations   Remote / India

- Engineered and deployed **Next.js + TypeScript**–based digital platforms for energy and materials science divisions, enabling modular CMS-driven content delivery and responsive UX across 5+ enterprise websites.
- Developed scalable backend APIs with **FastAPI**, **Firebase**, and **PostgreSQL**, integrating analytics, monitoring, and access control layers to sustain **99.99% uptime** and meet enterprise-grade SLAs.
- Automated CI/CD workflows using **GitHub Actions** and **Docker**, cutting manual deployment overhead by **60%** and accelerating release cycles.
- Optimized performance through **Core Web Vitals**, edge caching, and lazy-loading, achieving **35% faster load times** and measurable improvements in SEO and engagement metrics.
- Collaborated with DevOps, Design, and PR teams to maintain SEO-optimized, brand-consistent digital assets using **GraphQL APIs** and headless CMS pipelines.

Full Stack Developer Intern   Jun 2025 – Oct 2025
Mawai Infotech Ltd.   Noida, India

- Built ERP modules in PHP and MySQL; exposed 3+ REST endpoints, improving order and inventory workflows for 500+ users.
- Normalized schemas and added composite indexes; eliminated slow queries by 25% across critical paths.
- Coordinated release with senior engineers; supported go-live runbooks and monitoring, leading to a PPO.

TECHNICAL PROJECTS

Afflatus RAG — AI Knowledge & Operations Assistant | *Python, LangChain, FastAPI, Firebase*   Oct 2025 – Present

- Engineered a company-wide Retrieval-Augmented Generation (RAG) system integrating internal documents and live web data; improved response relevance by 35%.
- Automated activity logs, client data access, and production tracking through secure FastAPI microservices.
- Reduced query latency by 28% via hybrid search (semantic embeddings + BM25) and optimized vector indexing.

TheatreNow — Movie Ticket Booking | *PHP, MySQL, Apache*   Jun 2025 – Jul 2025

- Launched JWT-secured booking with role-based access and seat-locking; minimised double-booking errors by 40%.
- Optimized queries and route guards; reduced P95 latency by 25%.

MindWave — EEG Emotion Detection | *TensorFlow, Streamlit*   Oct 2024 – Nov 2024

- Trained CNN-LSTM on EEG streams; achieved 93.4% accuracy with ¡150 ms inference using TensorFlow Lite.
- Built Streamlit dashboard with live charts and artifact filtering for actionable insights.

B2Me — Online Bookstore | *Java, MySQL*   Mar 2023 – Apr 2023

- Implemented auth, cart, and checkout; tested by 200+ users with zero P1 issues.
- Integrated Java + MySQL and responsive UI; page load down 20% via asset minification.

CERTIFICATIONS

C++ Object-Oriented Programming Fundamentals — Coursera

Deep Neural Networks Optimization & NLP with Transformers (T5, BERT) — Coursera

ACHIEVEMENTS

Ranked top 18.73% on LeetCode with 200+ problems solved, including 50+ Hard.

Earned PPO internship at Mawai Infotech; organized 3+ coding workshops for underprivileged students.

Led 200+ students as President of CODE Club across Delhi-NCR, delivering 5+ technical events.