Pranjal Gupta

LinkedIn: pranjalg22 | +91-96509-24495 | gupta99pranjal@gmail.com | New Delhi

PROFESSIONAL SUMMARY

Full-Stack Developer with 3 years of experience in the **MERN stack**, building scalable, high-performance systems. Expert in **real-time applications** using **MQTT** and **Redis**. Experienced in **leading teams**, driving end-to-end development, and ensuring efficient delivery. Passionate about crafting **AI-driven, user-focused solutions** with real-world impact.

SKILLS

Backend: Node.js, Python, Express.js, FastAPI, Socket.io, RESTful APIs, Microservices, MQTT | **Frontend:** React.js, Next.js, JavaScript, TypeScript, HTML5, CSS3 | **AI/GenAI:** LangChain, Llama3.2, Ollama, PyPDF2, RAG | **UI Frameworks:** Tailwind CSS, MUI | **Database:** MongoDB, Redis, ChromaDB | **DevOps / Cloud:** AWS (EC2), Docker | **State Management:** Redux | **Agile Tools:** JIRA | **Version Control:** GitHub

WORK EXPERIENCE

- **ThirdEye-AI (A JBM Group Company)** — Gurugram, India
  *Software Engineer **Executive** (Full-stack Developer)* — *Nov 2022 – June 2025*
  - Engineered and productized an industrial monitoring product, currently deployed across **30 organizations** and actively monitoring **over 350 machines**.
  - Created APIs using **NodeJS** and integrated **Redis** for data caching.
  - Developed a **downtime tagging system**, improving machine tracking and increasing **productivity by 42%**.
  - **Led implementation** of authentication, analytics dashboards, detailed reports, and **real-time data updates**.

- **Dezen Technology** — Remote/India
  Backend Engineer (Backend Lead) — *June 2025 – Present*
  - Developed and maintained the **backend of a financial web platform**, ensuring scalability and security.
  - Built secure APIs with **Node.js, Express.js, and PostgreSQL**, and managed system architecture and deployments.
  - Integrated **Razorpay payment gateway** for seamless and secure transaction processing.
  - **Directly collaborated with clients** to gather requirements and deliver tailored backend solutions.

PROJECTS

- **Machine Monitoring System Industry 4.0 (FactorySync)** — Oct 2023 – June 2025
  (Tech Stack: ReactJs, NodeJs, ExpressJs, MongoDB, MQTT, Socket.io)
  - Collaborated with a team of **8 developers**, contributing to both **backend and frontend** tasks.
  - Built a **real-time machine monitoring system** deployed in **15 plants** for **300+ machines**.
  - Designed **real-time alerts**, **downtime analytics**, **dashboards**, and **operator leaderboards** to enhance productivity.

- **AI ChatBot** — Oct 2024 – June 2025
  (Tech Stack: Next.js, FastAPI, LangChain, Llama 3.2, Ollama, PyPDF2, FAISS, ChromaDB)
  - Developed an **AI chatbot** using **LLaMA 3.2** with **Ollama's ChatOllama LangChain wrapper** and custom **RAG workflows**.
  - Built a **FastAPI backend** with **LangChain**, **PyPDF2** for PDF extraction, **FAISS** for semantic search, and **ChromaDB** for vector storage, reducing inference time by **65%**.
  - Created a **Next.js frontend** to integrate all services and provide a **user-friendly chatbot interface**.

EDUCATION

- **Amity University - Noida** — July 2018 – July 2022
  Bachelor of Technology in Computer Science Engineering