

Kumar Tanmay

+91-9341382942 | kumartanmay554@gmail.com | [LinkedIn](#) | [LeetCode](#) | [GitHub](#)

EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science

CGPA - 8.4/10

Aug. 2022 – Jul. 2026

Delhi Public School, Ranchi

Higher Senior Secondary Education

Percentage - 92.8%

Apr. 2019 – Jun. 2021

EXPERIENCE

NoBroker Technologies Solution Pvt Ltd.

Data Analyst Intern

Bengaluru, Karnataka

Jan. 2025 – Mar. 2025

- Cleaned and preprocessed **50K+** real-estate records using **Python** with **Pandas** and **NumPy**, ensuring **85% accuracy** in data quality for analysis.
- Built and fine-tuned an **XGBoost** regression model using **Python**, **scikit-learn** for data splitting, cross-validation, and evaluation boosting property value prediction accuracy by over **30%** compared to baseline models.
- Conducted value-based explainability analysis with **SHAP** (SHapley Additive exPlanations) in **Python**.

PROJECTS

Dine-In | Typescript, Next.js, Prisma, Supabase

[Github](#)

- Architected a production-grade **Next** web application using **TypeScript** and **React**, leveraging **Server-Side Rendering (SSR)** and **server actions** to achieve a **55% improvement in initial page load speed**.
- Designed and implemented key features such as **real-time table availability**, **reservation lifecycle management**, and **role-based user authentication**.
- Engineered modular, reusable **React components** with robust state management, enabling a **30% reduction in UI-related bugs**.

Medium (Clone) | Javascript, Typescript, Hono, React, PostgreSQL

[Live Link](#)

- Engineered a **scalable, full-stack Medium-style blogging platform** from the ground up, achieving a **95% Lighthouse performance score** across core web vitals
- Delivered **0.77 ms Request Duration** using **Hono (JavaScript)** and implemented **caching strategies**, resulting in a **60% improvement in backend efficiency**.
- Designed and integrated a highly performant **PostgreSQL** schema with advanced **indexing and query optimization**, enabling **content retrieval in under 5ms**.
- Utilized **Turborepo** to significantly reduce **build and deployment times**, laying the foundation for a fast, modular **CI/CD pipeline** and seamless multi-package development.

Human Resource Management System | Typescript, Python, Next, Go

[Github](#)

- Designing and developing a scalable **HRMS platform** with **TypeScript** and **Next.js** for the frontend, **Golang** for backend microservices, and **Python** for advanced **data analytics** and **automated reporting**.
- Implemented **CRUD** (CREATE, READ, UPDATE, and DELETE) operations in the backend using **Golang**, ensuring efficient data handling and storage and created a responsive frontend.
- Planning integration of **LLama-based AI models** to deliver predictive analytics for **employee retention**, **applicant tracking**, and data-driven HR decision-making.
- Driving full-cycle development from backend logic and frontend responsiveness to **AI-powered analytics**, positioning the platform for **enterprise-scale deployment**.

CO-CURRICULAR

Coding Proficiency

- Solved more than 300 questions on LeetCode with a variety of difficulty levels and more than 150 questions on GFG.

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript, Typescript, Go, SQL, PostgreSQL, HTML/CSS, R

Frameworks: React, Next, Node.js, Hono, Flask, Tailwind, MongoDB

Developer Tools: Git, Docker, AWS, VS Code, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib