

Anurag Yadav

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Professional Summary

Software Engineer with **8+ months of experience** building scalable backend systems and full-stack applications. Skilled in **NestJS, PostgreSQL, Prisma, TypeORM, Supabase, MongoDB**, with strong foundations in **DSA (500+ LeetCode problems)**. Passionate about building high-performance distributed systems, optimizing algorithms, and contributing to impactful projects. Actively expanding expertise in **Machine Learning, AI**.

Experience

Software Engineer (Backend - NestJS), SoftxAI – Prayagraj May 2025 – Oct 2025

- Completed a **5-months training** with hands-on project implementation.
- Built **scalable REST APIs** with **NestJS, PostgreSQL, TypeORM, Jest** ensuring high reliability.
- Implemented **JWT authentication, role-based access control**, and secure API design.
- Designed relational schemas, migrations, and optimized queries for performance.

Software Developer Intern, RegisterKaro – Gurgaon Feb 2025 – May 2025

- Developed **MERN stack applications** for compliance platforms.
- Built reusable React components and improved frontend performance.
- Enhanced backend APIs using **Node.js/Express + MongoDB**, optimizing database queries.

Technical Skills

- **Programming Languages:** C++, Python, TypeScript, JavaScript, SQL
- **Backend:** NestJS, Express.js, Node.js, REST APIs, Prisma ORM, TypeORM
- **Databases:** PostgreSQL (Supabase), MongoDB, MySQL
- **Frontend:** React.js, Next.js, TailwindCSS, Redux Toolkit
- **Cloud & Tools:** Git, GitHub, Jira, Postman
- **Data Science & ML:** Python, NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn
- **Core CS:** Data Structures & Algorithms (500+ LeetCode problems)

Projects

Expense Tracker (Full-Stack) [GitHub](#) | [Live](#)

- Full-stack tracker with **JWT authentication, transaction management, category-wise insights**.
- Backend: **NestJS + Prisma + Supabase (PostgreSQL)**; Frontend: **React + TailwindCSS**.
- Focused on **scalability and maintainability**.

E-Learning Platform

[GitHub](#) | [Live](#)

- Online learning system with **auth, course management, video lessons, quizzes**.
- Integrated **Redux Toolkit** state management and **MongoDB/Express** backend.
- Focused on robust architecture and smooth UX.

Accident Severity ML Predictor

[GitHub](#) | [Live](#)

- Developed ML model using **Random Forest** to predict accident severity with feature engineering
- Built interactive **Streamlit** web application with real-time predictions and data visualizations
- Deployed end-to-end solution on **Streamlit Cloud** demonstrating full ML pipeline expertise

Achievements & Certifications

- Solved **500+ LeetCode problems** ([LeetCode Profile](#)).
- Completed internships with [RegisterKaro](#) and [SoftxAI](#).
- Currently learning **Machine Learning, AI, and AWS Cloud Practitioner**.