

SWATANTRA YADAV

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SUMMARY

Backend Developer with strong proficiency in **Go and C++**. Passionate about building scalable systems APIs and optimizing database architecture. Proven ability to deploy secure cloud applications and design normalized database schemas.

TECHNICAL SKILLS

- **Languages:** Go (Golang), C++, JavaScript, TypeScript, SQL.
- **Backend Engineering:** RESTful APIs, System Design, Microservices Architecture.
- **Databases:** MySQL, PostgreSQL, DynamoDB
- **Tools & Cloud:** Google Cloud Platform (API Gateway), Render, Git/GitHub, Postman, Linux.

PROJECTS

Book-Universe | Go, Google Cloud Platform, Render | Jan 2026

- Architected a secure backend ecosystem for book management using **Go (Golang)**.
- Implemented enterprise-grade security using **Google Cloud Console**, configuring API key restrictions and HTTP referrer validation to prevent unauthorized access.
- Designed a scalable REST API and deployed the production build on **Render**.
- Optimized database queries to ensure low-latency data retrieval for the frontend.

Kinexus Echo Player | JavaScript, Web Architecture | Sep 2025

- Developed an interactive web application centered on logic puzzles and empathy-driven user experiences.
- Built a custom logic engine to handle complex user state management and sequence validation.
- Designed a responsive UI with Tailwind CSS to ensure seamless performance across devices.

EDUCATION

B.Tech in Information Technology, KIET Group of Institutions, Ghaziabad (201206)

- *Expected Graduation: 2028*
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming (Java), Database Management Systems (DBMS), Operating Systems.

ACHIEVEMENTS & INTERESTS

- **Algorithmic Problem Solving:** Actively solving complex logic and number series puzzles; focused on time/space complexity optimization.
- **Certifications:** AWS Certified Cloud Practitioner, AWS Certified AI Practitioner