

# ANSH PRATAP CHAND

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## Education

Indian Institute of Information Technology, Gwalior

Aug. 2023 – May 2027

Bachelor of Technology in Computer Science

Grade : 8.32

## Relevant Coursework

- Data Structures
- Algorithm Analysis
- Computer Architecture
- Software Engineering
- OOPs
- Database Management
- Operating Systems

## Work Experience

### SDE Intern

August 2025 – October 2025

Optiqo | [Homepage](#) | *Fintech API Integrations*

- Architected a production-grade backend using **FastAPI**, **PostgreSQL**, and **AWS RDS**, enabling seamless broker integrations that supported 10K+ concurrent requests with minimal latency.
- Integrated broker APIs via official SDKs to enable real-time order execution and portfolio synchronization, reducing data update lag .
- Optimized **AWS RDS** schema and queries, improving transaction throughput by **25%** and cutting query time .
- Implemented asynchronous data pipelines for fetching and caching live financial data, increasing response efficiency and reducing redundant API calls .
- Developed a dynamic portfolio dashboard handling complete JSON payloads for user transactions and subscriptions, achieving **real-time refresh** with zero data loss.

## Projects

**Blogify Echo** *Node.js, Express.js, MongoDB, Cloudinary, Render, LiteLLM, Twitter API*

2025

- Architected and launched a full-stack content platform featuring AI-assisted drafting capabilities powered by **LiteLLM**.
- Engineered a dedicated **SEO optimizer module** to boost content visibility by suggesting improvements for meta tags, keyword density, and readability.
- Orchestrated a content syndication pipeline with the **Twitter API** to automate and accelerate social media distribution.
- Established secure user account management and streamlined media handling by leveraging **Cloudinary** for automated image optimization (compression, resizing, caching).

**GitHub PrPro** *n8n, Docker, GitHub API, Cloudflare Tunnel, LLM (Groq/OpenAI)*

2025

- Devised an autonomous **n8n workflow** to analyze GitHub Pull Requests, utilizing LLMs to furnish intelligent inline feedback and apply contextual labels.
- Constructed comprehensive **review pipelines** designed to automatically detect missing documentation, evaluate code complexity, and perform security validations.
- Packaged the application into a **Docker** container and fortified webhook security with **Cloudflare Tunnel** to enable safe, isolated local testing.
- Prepared the project for public release by publishing a sanitized workflow, a concise **README**, and a setup guide with environment-based configurations for secure open-source adoption.

## Technical Skills

**Languages:** C/C++, Java, JavaScript, Python

**Frameworks and Libraries:** FastAPI, React, Node.js, Express.js, Langgraph, Tailwind CSS, Websockets

**Other Technologies:** Git, Docker, AWS Services, VS Code

**Databases:** MongoDB, MySQL, PostgreSQL

## Achievements

- Solved over 500 data structures and algorithms problems on **LeetCode**.
- Secured an All India Rank of **12320** with a **98.95** percentile in JEE Mains.
- Achieved district topper position in Class 10th CBSE examinations with an aggregate score of **98.6%** in best 5 subjects.