

# Apurv Chandel

Email : [apurvchandel19@gmail.com](mailto:apurvchandel19@gmail.com)  
Mobile : +91-7620894872

LinkedIn : [linkedin.com/in/apurvchandel](https://www.linkedin.com/in/apurvchandel)

## SUMMARY

---

Software Developer with experience in backend engineering, data pipelines, and system optimization. Proficient in GraphQL, Kafka, AWS, and Databricks, with a strong focus on scalability, performance, and security. Reduced ETL processing time by 40%, optimizing API performance by 35%, and ensuring 99.9% system uptime. Adept at designing high-performance distributed systems, improving database efficiency, and implementing cost-effective cloud solutions that enhance business operations.

## EDUCATION

---

- Indian Institute of Information Technology, Nagpur** 2018 - 2022  
*B.Tech Computer Science and Engineering* CGPA : 8.64/10
- Narayana Junior College, Hyderabad** 2016 - 2018  
*Higher Secondary School* Percentage : 97.8%

## SKILLS

---

- Languages:** Python, Java, Go Lang, C++
- Databases:** SQL, MySQL, DynamoDB, MongoDB, Redshifts
- Cloud & DevOps:** AWS, Docker, Kubernetes, CI/CD, Databricks
- Frameworks & Tools:** Spring Boot, GraphQL, Kafka, Airflow, Redis
- Version Control & Tools:** Git, JIRA, Postman

## EXPERIENCE

---

- Shaadi.com** Mumbai, India  
*Data Engineer* October 2023 - Current
  - Integrated Databricks, optimizing ETL processes and reducing data loading time by 40%, improving data analytics turnaround time.
  - Migrated 30+ RESTful APIs to GraphQL, reducing API response times by 35% and enhancing data retrieval efficiency.
  - Upgraded Kafka MSK from version 2.6.1 to 3.4.1, ensuring 99.9% system uptime and enhancing message reliability for millions of daily transactions.
  - Conducted SQL vs. MongoDB benchmarking, demonstrating 20% cost reduction and 15% faster query execution for in-house Managed backup population for 15+ PII-related tables in Redshift, ensuring compliance with 100% encryption standards and security policies.
  - Supervised CompIntel Services, identifying 30+ vulnerabilities in Android & Web applications, improving system security.
  - Automated ETL pipelines, handling 1TB+ of data daily from SQL/NoSQL to Amazon Redshift, reducing manual intervention by 50%.
- Cognizant** Bangalore, India  
*Associate* July 2022 - July 2023
  - Albertsons Voice Assistant (AVA) backend using Spring Boot & Dialogflow CX, handling 100,000+ customer interactions daily.
  - Designed privacy-preserving data exchange solutions, reducing data exposure risks by 60% and ensuring GDPR compliance.
  - Implemented parallel query execution, reducing database response time by 25%, improving customer service efficiency.
  - Conducted 20+ code reviews & architectural discussions, ensuring adherence to best practices and reducing critical issues by 40%.
  - Optimized IVR system with Dialogflow, Spring Boot, and REST APIs, reducing customer wait times by 25% and improving call resolution rate by 15%.

- **Tata Research Development and Design Center(TCS)**

Pune, India

*Research Intern*

*June 2021 - December 2021*

- Developed optimized data structures in Java, improving model-building speed by 30%.
- Extracted and consolidated data from three disparate sources utilizing Apache POI and custom document analysis libraries, accelerating data retrieval speeds by 40% and reducing manual effort.
- Built an ANTLR4-based compiler to validate function syntax, reducing debugging time by 50%.

## ACHIEVEMENTS

---

- GATE 2024 qualified.
- Ranked 152nd in CodeChef Open Long Challenge 2021 (30,000+ participants).
- Secured 1471th world rank in Google Hashcode 2021 (7.7M+ points).
- Elected as Secretary of SAC, IIIT Nagpur (2021), leading 10+ student initiatives.

## PROJECTS

---

- Book Store Management System: Designed architecture in Python, implementing secure login & filtering options.
- Abhivyakti Website Development : Official website for IIIT Nagpur's cultural fest, attracting 1,000+ visitors.
- Built an Android & Firebase-based app for COVID-19 contact tracing, extending AarogyaApp's functionality.
- Enabled authorities to track 20+ nearby store visits and identify potential virus spread.

## CERTIFICATIONS INTERESTS

---

- AWS Certified Solutions Architect (Ongoing)
- Active participant in hackathons coding competitions.
- Interested in System Design, Distributed Computing, and Backend Scalability.