Hritik Kumar Singh

Oracle Certified Java Associate

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Leetcode: https://leetcode.com/dr-doggo/

EDUCATION

- **Asansol Engineering College** — Asansol, WB, India
  Bachelor of Technology - CSE; GPA: 9.0 — *August 2018 - June 2022*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*
- **Burnpur Riverside School;** — Burnpur, WB, India
  Senior School Certificate Examination Percentage: 80 — *February 2017 - March 20*
- **The Crescent School;** — Burnpur, WB, India
  Secondary School Examination GPA: 9.6 — *February 2015 - March 2016*

SKILLS SUMMARY

- **Languages**: Java, Python, C, JavaScript, SQL, HTML
- **Frameworks**: Spring boot, Angular, Redis, Scikit, NLTK, TensorFlow, Keras
- **Tools**: Maven, Kafka ,Pentaho Data Integeration, GIT, Oracle, MySQL, Generative AI, Copilot, Chat GPT

EXPERIENCE

- **VIRTUSA** — (Hyderabad)
  Associate Engineer - Technology — *May 2022 - Present*
  - **Project: Bank of New York Mellon Accounting Report Generation**: Directed the development and deployment of a sophisticated accounting report generation solution for BNYM, Java and ETL based technologies on 500+ relational database tables across multiple schemas; boosted data processing efficiency and system reliability.
  - Restructured 2 projects to diversify libraries, enabling smooth deployment in testing regions helping in improved cross-team workflows and agile project management.
  - Currently serving as the Primary SME for two projects,focusing on Kafka-based solutions, ensuring seamless data streaming, processing, and integration for high-throughput, scalable systems.
- **Technology Stack**: Java 8, Spring Boot 3.x.x, Maven, Pentaho ETL, MySQL, Angular 15.x.x.

- **VIRTUSA** — (Chennai)
  Intern-Technology — *August 2021 - April 2022*
  - **Project -** : E-Library, Retirement Event Management System.
  - **Key Featuure Implemeted -**: Admin-Client Chat feature of a e-library system.
  - **Technology Used -**: java 8 , Spring boot, Angular, Stomp and WebSocket protocol.

TATA CONSULTANCY SERVICES — (Remote)
Intern — *May 2021 - August 2022*
  - **Role -** : Full Stack - JAVA
  - **Implemetations -**: Authentication and authorization using spring security, oAuth 2 and JWT
  - **Technology Used -**: Spring boot, React, Spring Security, Spring Data JPA

PROJECTS

- **Gene-Expression-Based Cancer sub-types Prediction**: Breast Cancer sub-type prediction using Gene Expression and XGBoost. (March'22 - present)
- **Auto Feedback Handler and Analyzer**: Python GUI Application to Auto Analyze emails and Tweets related to a particular handle, classify the tweets based on sentiments and make a summary of the feed. (Dec'2020 - Feb'21)
- **Sudoku Solver**: GUI application to solve Sudoku using a backtracking algorithm. (Jan '2020)

ACHIEVEMENTS

- 6* coder at Hackerrank
- Max rating of 1717 in chess.com
- Amazon Hackon 2022 top 100 rank holder.
- Codevita global ranker 639 out of 136,054 participants (March 2022)
- TCS Inframind Finalist(February 2021)
- Virtusa Codelite Hackathon Winner(January 2021)

CERTIFICATIONS

- **Oracle 1Z0-808:**: Java SE 8 Programmer 1 (March '22)
- **Machine Learning**: Stanford University, Coursera