Gaurav Pandey

linkedin.com/in/gaurav-30-pandey —- github.com/Gaurav3009

Email: gauravpandey14916@gmail.com
Mobile: +91 8081398450

EDUCATION

- **Lovely Professional University** — **CGPA: 8/10**
  B. Tech. in Computer Science & Engineering — *August 2019 - August 2023*

- **St. Xavier's Sr. Sec. School** — **86%**
  Class 12 — *2017 - 2018*

- **St. Basil's School** — **88.5%**
  Class 10 — *2015 - 2016*

PROGRAMMING SKILLS

- **Languages:** C++, JAVA, Python, Javascript, C, SQL
- **Libraries & Framework:** ReactJS, NodeJS, Spring, SpringBoot, Streamlit
- **Technologies:** Machine Learning, Informatica MDM, Informatica PowerCenter

EXPERIENCE

Cognizant — In-Office
GenC-CSD Intern — *Dec 2023 - May 2024*

- ETL Processes: Implemented data extraction, transformation, and loading (ETL) processes using Informatica PowerCenter, ensuring seamless data integration across multiple platforms.
- Master Data Management: Assisted in configuring and maintaining Informatica MDM solutions, ensuring data quality and governance standards were met.
- We were also trained in JAVA, SQL, and PL/SQL.

Global AI Hub — Work From Home
Core Member - Full-Time — *Feb 2022 - Present*

- Create engaging and creative content related to Artificial Intelligence.
- Share the courses provided inside and outside the community, thus, providing people an opportunity to learn more about AI.

CO-CURRICULAR ACHIEVEMENTS

Research Paper: Accepted 2023. The paper is accepted at the IEEE Conference. [CERTIFICATE LINK] [PAPER LINK]

Winner - Blender Competition 2019. Created a complete design of a house using *Blender*.

HackerRank - 5 Star in three programming languages (C++, JAVA, Python) & three certifications in JAVA, Python, and Problem-Solving.

PROJECTS

- **Share Stream** — *March 2023 - May 2023*
  It is a decentralized video-sharing platform. This project uses the Layer 1 Chain, *Ethereum,* and Layer 2 Chain, *Polygon*. The application allows users to upload video content on a distributed file storage protocol, IPFS. UI was designed using ReactJS and SASS. NodeJS is used to create a File-pinning API to maintain the logs. [LINK]

- **Data Visualizer** — *April 2023*
  It is a web application for generating graphs using the data in a .csv file. The backend API is written using the JAVA SpringBoot framework. The UI of this application is in ReactJS and SASS. The graph generated is downloadable. [LINK]

- **Movie Recommender System** *April 2022*

  It is a content-based recommender system. The dataset used in this recommender system is *"TMDB5000"* which is available on Kaggle. This application is deployed using *Streamlit* and the codes are written in Python. [LINK]

- **Task Management System**

  It is a TODO application developed using the concept of Spring MVC. The application's front end is written in JSP and for the database MySQL is used. This application can perform the CRUD operation on the database and the Spring ORM (Hibernate) concept is used to interact with the database. [LINK]

CERTIFICATIONS

- **The Complete Oracle SQL Bootcamp 2023** Credential ID: UC-291d4678-df2e-4fc4-b15f-573656494921

  Udemy *June 2023*

  Skills covered in this course were SQL and functionalities that differentiate Oracle from other DBMS. [LINK]

- **JavaScript - The Complete Guide 2023** Credential ID: UC-688dfaa5-a702-44c6-bd34-f92113b64d9a

  Udemy *December 2022*

  Skills covered in this course were from beginner level (basics of javascript) to advanced concepts like (HTTP request, modular javascript, promises, etc.,) [LINK]

- **Java Programming: Complete Beginner to Advanced** Credential ID: UC-8e1953e4-4ef5-8a89-0eb89821ab4c

  Udemy *February 2022*

  This course helped me to learn the OOP concepts in detail and I learned the use of the Collection framework. This course helped me to learn JAVA and practice DSA using JAVA as my general-purpose programming language is C++. [LINK]

- **Machine Learning Advanced Certification Training** Credential ID: 2736698

  Simplilearn *July 2021*

  This course helped me to start my Machine Learning journey. This course starts with the basic concept of Artificial Intelligence and concepts of statistics and goes on to discuss all three types of learning (Supervised, Unsupervised and Reinforcement learning) in detail. [LINK]

BLOGS

- **Data Visualization Web App using JAVA** 17 min read

  Medium *Published on April 26, 2023*

  Discusses how to build a powerful data visualization web app with Java Spring Boot and React JS. This comprehensive article offers a step-by-step guide, empowering you to create interactive and visually appealing data representations that enhance data analysis and presentation capabilities. [LINK]

- **Artificial Neural Network** 10 min read

  Medium *Published on December 10, 2021*

  Uncover the comprehensive details of Artificial Neural Networks in this article. Explore their structure, types, and intricate functioning, gaining valuable insights into this fundamental machine-learning technique that forms the basis for various applications and advancements in the field. [LINK]

- **Artificial Intelligence** 5 min read

  Medium *Published on September 1, 2021*

  Discussed the intricate world of Artificial Intelligence with this article. Discover its origins, delve into a detailed explanation of AI, and explore the different types of techniques employed in this field, offering valuable insights into the evolution and diverse applications of this groundbreaking technology. [LINK]

- **JWT Authentication with Spring Boot** 30 min read

  Medium *Published on 30 June 2024*

  Explained the complete implementation of the JWT-based authentication with Spring Boot. I also explained the implementation of the Refresh token and the OTP-based verification in case the user forgets the password. [LINK]