Rohit Kumar Maurya

Linkedin: linkedin.com/in/rohit-kumar-maurya-525355248

GitHub: github.com/rohitmaurya3545

Email: rohitmaurya3545@gmail.com

Mobile: +91-9569839398

SKILLS

- **Languages:** **Java, OOPs, DSA.**
- **Framework:** HTML, CSS, JavaScript
- **Database:** **MySQL (RDBMS), SQL,**
- **Tools/Platforms**: VSCode, Linux, Git and GitHub.
- **Soft Skills:** Problem-Solving Skills, Creative, Project Management.

SUMMER INTERNSHIP

GeeksforGeeks: DSA Self Placed Jun '23 - Jul '23

- Optimized program efficiency by effectively applying **Data Structures and Algorithms (DSA)** techniques, solving over **150+ DSA** problems.
- Enhanced algorithm performance by mastering and implementing core data structures such as **Arrays, ArrayList, Linked Lists, Stacks, Queues, Trees, and HashMap.**

PROJECTS

Kidney Disease Prediction using ML Arp '25

- Implemented a machine learning model to **predict chronic kidney disease** (CKD) using clinical and laboratory patient data with high accuracy.
- Trained multiple classification algorithms such as Random Forest, Decision Tree, and Logistic Regression to compare performance
- Achieved 95% prediction accuracy with the Random Forest model, demonstrating strong performance on the test dataset.
- **Patented** B. Tech project on CKD prediction using ML, published in **Scopus-indexed journal.**
- Deployed the model as a prototype tool for real-time CKD risk prediction, enabling early diagnosis possibilities.

CGPA Calculator Jan '24

- **Programming Languages - Java**, Domain: Desktop Application.
- Created a clean and intuitive GUI for easy input of grades and credits.
- Implemented a dynamic feature enabling real-time calculation of CGPA based on user-input data, ensuring accuracy and efficiency.
- Implemented customization features such as semester-wise TGPA calculation, weighted GPA for specific courses, or different grading scales.

BeautyShop Website Nov '23

- **Programming Languages:** CSS, HTML, and JavaScript for designing and developing web applications.
- Developed a BeautyShop platform with advanced features for product browsing and purchasing.
- Implemented product search functionality, allowing users to easily find items based on categories, names, and tags.
- Integrated a Glow Product feature to highlight special offers or featured products for better visibility and sales.
- Designed and developed sections like Home, Collection, Shop, and Offers, incorporating a feedback system for users to rate and review products.

CERTIFICATES

- Object Oriented Programming in Java | Coursera. Jul '24
- Fundamentals of Java Programming | Coursera. Jul '24

EXTRA CURRICULAR ACTIVITIES

- Participated in Buzzword Bootcamp - A workshop on Effective Business Writing in English | LPU Oct '23
- 1st Rank in 110 M Hurdle Race in ZEST 2020 | Varanasi Feb '20
- 2nd Rank in 100 M Race in ZEST 2020 | Varanasi Feb '20

ACHIEVEMENTS

- 200+ Questions solved on GeeksforGeeks. Nov '24
- 150+ Questions solved on Leetcode. Jun '24

EDUCATION

Lovely Professional University Phagwara, Punjab

Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.73** *Since August 2021*

Universal Public School Chandauli, Uttar Pradesh

Intermediate; Percentage: 67.8% *April '20 - March '21*

Universal Public School Chandauli, Uttar Pradesh

Matriculation; Percentage: 68.2% *April '18 - March '19*