ANUSHKA SINGH

Software Developer | Backend Engineer | Database Administrator

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PROFESSIONAL SUMMARY

Results-oriented software developer with strong foundation in C++ programming, object-oriented design, and database management. Proven expertise in architecting scalable applications and implementing efficient database solutions using Oracle and MySQL. Combines technical development skills with operational excellence, delivering high-performance systems with precision. Seeking software development opportunities to leverage programming expertise, database administration capabilities, and analytical problem-solving in building enterprise-grade applications.

EDUCATION

Bachelor of Computer Applications (BCA) — Graduated: 2022
Mirza Ghalib College, Magadh University, Gaya, Bihar — *74%*

Intermediate (12th Grade), CBSE Board — Completed: 2019
Co-operative Public School, Gaya, Bihar — *77%*

Matriculation (10th Grade), CBSE Board — Completed: 2017
Sec. Delhi Public School, Gaya, Bihar — *CGPA: 10*

CORE TECHNICAL SKILLS

Programming Languages: C++, C, Java, JavaScript, HTML5, CSS3, Bootstrap
Databases: Oracle, MySQL
Developer Tools: Apache NetBeans, Google Colab, VS Code
Core Competencies: OOP, Data Structures, Algorithm Design, Problem-Solving, Team Collaboration

PROFESSIONAL EXPERIENCE

Gramin Dak Sevak (GDS) – Branch Post Master — January 2024 – Present
India Post, Department of Posts — *Arwal, Bihar*

- Orchestrated comprehensive postal operations including mail sorting, distribution, and financial reconciliation with 100% accuracy in daily transactions
- Administered documentation and record-keeping in compliance with government audit standards, ensuring zero discrepancies
- Spearheaded process improvement initiatives with district authorities, enhancing operational efficiency and service delivery

Mathematics Teacher — June 2023 – December 2023
Raghukul International School — *Gaya, Bihar*

- Engineered and delivered mathematics curriculum for 100+ students, elevating comprehension by 25% through interactive methodologies
- Formulated assessment frameworks aligned with CBSE standards, executing evaluations and providing personalized feedback

PROJECTS

Electricity Billing Software | *Java, OOP, Oracle Database*

- Architected automated billing system using OOP principles, implementing modular design for bill generation and payment tracking
- Designed normalized Oracle database schema storing customer profiles, consumption records, and transaction history
- Integrated dynamic tariff calculation algorithms ensuring accuracy in billing computations, reducing manual processing time by 60%