# SHIVAM GUPTA

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## EDUCATION

**Marik Institute of Computing, Artificial Intelligence and Machine Learning, NIMS University**  Jaipur, Rajasthan
Bachelor of Technology (B.Tech) in Computer Science & Engineering; CGPA: 7.83 / 10 (after 6 semesters)  **July 2021 – June 2025**

## SKILLS SUMMARY

**Languages**: Java, C++, XML
**Web Development**: HTML, CSS, JavaScript
**Databases**: SQL(MySQL), Firebase
**Development Tools**: Git, GitHub, IntelliJ IDEA, Visual Studio Code, Android Studio
**Methodologies**: Agile, SDLC
**Concepts**: Data Structures, Algorithms, OOP, DBMS, Computer Networking, OS
**Soft Skills:** Problem-Solving, Communication, Teamwork, Collaboration, Adaptability, Time Management

## WORK EXPERIENCE

**JAVA DEVELOPMENT INTERN | Neevas | LINK**  **September 2024 - October 2024**
- Designed and implemented a suite of console-based Java applications including a calculator, banking system, student management system, inventory tracker, and mini e-commerce platform, each tailored to simulate real-world functionalities.
- Developed and integrated core features such as user authentication, file handling, persistent data storage, and full CRUD operations, significantly improving application robustness and usability.
- Applied Agile methodologies to collaborate with team members, resolve critical bugs, and iteratively refine application performance and user experience.
- Leveraged GitHub for version control and project documentation, and produced detailed video demonstrations to effectively communicate project value and technical implementation.

## PROJECTS

**I-Hospital (Hospital Management Application) |**  **January 2025 – Ongoing**
- Engineered a modern and scalable Android application to digitalize and streamline hospital workflows for both staff and patients.
- Developed core modules including patient appointment booking, staff authentication via unique ID, and password recovery using Firebase Authentication, enhancing accessibility and security.
- Integrated a real-time chatbot feature and appointment scheduler to ensure immediate support and efficient communication between users and hospital staff.
- Utilized Firebase Realtime Database and Firestore effectively to manage and sync medical data while maintaining cost efficiency.
- Delivered a highly responsive, visually intuitive UI leveraging XML and customizable themes, improving user engagement and satisfaction.

**Smart Supermarket Point Of Sale (POS) Billing System |**  **August 2024 – December 2024**
- Designed and developed a desktop-based billing application using Java Swing and MySQL to automate retail supermarket operations.
- Incorporated role-specific access by implementing distinct modules for Admin and Cashier, enhancing operational control and user experience.
  - **Cashier:** Enabled real-time order creation, product addition, and bill generation.
  - **Admin:** Enabled customer/product/stock management, cashier login history tracking, and detailed sales reporting.
- Achieved streamlined billing workflows and reduced manual errors through a clean and intuitive interface.
- Ensured database consistency and performance by integrating robust MySQL queries and data handling logic.

## CERTIFICATES

**Walmart USA Advanced Software Engineering Virtual Experience Program (Forage) | CERTIFICATE**  **March 2025**
- Successfully completed an advanced job simulation solving real-world engineering tasks across Walmart's technical teams.
- Engineered a customized heap data structure in Java for shipping optimization, demonstrating strong algorithmic and problem-solving capabilities.
- Designed UML class diagrams and entity relationship diagrams addressing diverse business requirements in the logistics and pet departments.
- Applied software design principles to model systems operating under varied conditions and database environments.

**JPMorgan Chase & Co. Software Engineering Lite Virtual Experience Program (Forage) | CERTIFICATE**  **September 2024**
- Completed a hands-on simulation focused on enhancing existing systems within the credit card rewards domain.
- Developed a new class to restore system functionality and wrote a robust unit test suite to ensure performance and reliability.
- Gained practical experience in system debugging, code integration, and test-driven development.

**Tata Consultancy Services: Data Visualization (Forage) | CERTIFICATE**  **September 2024**
- Completed a business-focused data visualization simulation tailored for executive-level decision-making.
- Created insightful visualizations and dashboards to communicate key trends and findings to senior leadership.
- Formulated high-impact questions to guide client discussions, showcasing business acumen and analytical thinking.

## EXTRA-CURRICULAR ACTIVITIES

- **Python & Data Visualization** – Attended bootcamps by Devtown (Certification by - Microsoft, Google Developer Group (2022))
- **C++ Data Structures & Algorithms** – Devtown Bootcamp (Sep 2022)
- **Java Masterclass** – Geekster (Jan 2024)
- **Data Science Fundamentals** – Infosys Springboard (Aug 2024)
- Participated in **TATA Crucible Campus Quiz 2024** organized via Unstop.
- **ChatGPT & AI Masterclass** – IIDE (Aug 2024)
- **Digital Marketing Fundamentals** – IIDE (Jul 2024)
- *Android Development using Java & XML in Android Studio* – Authored a detailed blog exploring core Android app structures, UI with XML, and current development trends (Dec 2024, published on Blogger).
- Actively participating in online learning platforms and simulations to strengthen software development and problem-solving skills.