Shivam Chaturvedi

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About Me

To be associated with a progressive organization that provides an opportunity to achieve organizational goals and reach the pinnacle of success in the spirit of teamwork by utilizing my educational background and skills.

Educational Background

MASTER OF COMPUTER APPLICATIONS (MCA)

- KIET GROUP OF INSTITUTIONS
- BATCH 2024–2026
- 1ST YEAR **CGPA 9.21**

BACHELOR OF COMPUTER APPLICATIONS (BCA)

- IPEM, CCSU
- BATCH 2021–2024
- BCA OVERALL **PERCENTAGE 73.5**

SECONDARY AND SENIOR SECONDARY EDUCATION,

- CLASS XII (2020–21) :77.8% (INGRAHAM ENG MED SCHOOL, GZB)
- CLASS X (2018–19) :87.16% (INGRAHAM ENG MED SCHOOL, GZB)

Soft Skills

- Effective verbal & written communication.
- Team management & leadership skills.
- Flexible & adaptive.
- Multi-tasking.

Extra Curricular Activities

- Won the Innovation (Innovate 2025) award in a **National level Hackathon** organized by **MANIT Bhopal**, **Thapar Institute**, and **MIT Kota**..

- Secured **1st Place** for developing an IOT based solution for retail industry in (HACK–A–THON–2K25) organized by IMS,ghaziabad.

- Presented a startup pitch at an entrepreneurship event hosted by **SRM** NCR Campus.

Technical Skills

- Good Knowledge of **PYTHON**, **DJANGO, CELERY, JAVA SPRING BOOT, HIBERNATE** & **REST API'S DEVELOPMENT**.
- Familiarity with **REACT.JS, NEXT.JS** and **TAILWIND CSS .**
- Skilled in developer tools like **Git, Docker** and **Postman.**
- Experienced with **SQL** and **NOSQL** DATABASES LIKE **MYSQL** and **MONGODB.**
- Familiarity with **AWS Cloud** Delpoyment using **EC2**, **RDS** and **S3.**

Work Experience

Backend Developer Intern at Assert IT Solutions (May 2023 – August 2023)

- Developed a Clinic Management System using **DJANGO** and **REACT.JS**, reducing patient wait time and front-desk chaos by 40% through real-time appointment booking and token queuing.
- Built secure **REST APIs**, implemented role-based access control, and used **MySQL** for efficient data handling and performance optimization.
- Enhanced UI responsiveness, reduced user onboarding time by 30%, and ensured 95% API stability using **Git** and **Postman** for testing and version control.

Projects

Retail Edge – Smart Self-Checkout System(Aug 2024 – Nov 2024)

- Built a smart self-checkout system using **JAVA SPRING BOOT** and **REACT.JS**, reducing average billing time by 60% through instant QR code-based checkout.
- Designed and integrated **REST APIs** to handle over 1,000+ purchase transactions/day, ensuring real-time inventory updates and secure user data handling.
- Executed IoT integration with ESP32, RFID sensors, OV7670 camera, and barcode scanners, achieving 50% faster checkout speed with minimal staff intervention.
- Deployed the full-stack application on **AWS EC2**, enabling 24/7 uptime and ensuring scalable performance across devices and locations.

Anonymous Chat App(Jan 2024 – Feb 2024)

- Built an anonymous, real-time chat application using **Django**, **Redis**, **PostgreSQL**, and **WebSocket**, allowing users to create temporary chat rooms without login.
- Implemented features like room limits, admin controls, user reporting, and auto-deletion, resulting in a 40% reduction in moderation overhead and 100% ephemeral messaging.
- Used **Django Channels** and **WebSocket** for seamless live communication, with session-based access ensuring zero chat visibility for offline users.

Personal Information

- Date of Birth : 3rd MARCH 2004
- Linguistic Proficiency: English AND Hindi
- Hobbies: Playing Chess