SWAPNA GUPTA

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Education

KIET Group of Institutions(AKTU)	**November 2021 – June 2025**
Bachelor of Science in Computer Science	*Ghaziabad, UP*

SRB Public School	**July 2019 – July 2020**
Intermediate-CBSE	*Chandauli, UP*

Universal Public School	**July 2018 – July 2019**
High School-CBSE	*Chandauli, UP*

Relevant Coursework

- DSA
- Database Management
- Operating System
- OOPS
- Computer Network
- SQL

Experience

ServiceNow	**May 2024 – Present**
System Administrator - Intern	*Delhi-NCR, India*

- One-month internship focused on Certified System Administration (CSA)within the ServiceNow platform.
- Immersed in hands-on learning, mastering essential CSA concepts andtechniques.
- Equipped with a solid foundation in CSA, ready to apply knowledge in real-world scenarios

IBM SkillsBuild	**May 2023 – June 2023**
Front End Developer - Intern	*Delhi-NCR, India*

- Worked on front-end development using technologies like HTML, CSS, JavaScript, and frameworks such as React.
- I worked on real-world projects, collaborated with experienced developers,and received personalized mentorship.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

Projects

Road Lane Line Detection | *Machine Learning*	**Present**

- Developed a system for detecting road lane lines in real-time using machine learning techniques.
- Collected and pre-processed image datasets for training and testing the model.
- Implemented image processing techniques such as edge detection, color filtering, and perspective transformation.
- Developed and trained convolutional neural networks (CNNs) for lane detection.
- Evaluated model performance using metrics like accuracy, precision, and recall.
- Integrated the lane detection model with a real-time video feed to detect lane lines.
- Collaborated with team members to optimize the model and improve detection accuracy.

Fast Food Website | *HTML,CSS,JavaScript,React*	**May 2024 - June 2024**

- Designed and implemented the front-end interface using HTML, CSS, and React.
- Developed back-end services and RESTful APIs using Node.js and Express.
- Integrated MongoDB for storing user data, orders, and menu items.
- Implemented user authentication and authorization using JWT.
- Created a responsive design to ensure compatibility across various devices.
- Conducted usability testing to improve user experience and interface design.

Technical Skills

Languages: C++, C, HTML, CSS, JavaScript, SQL, Bootstrap
Developer Tools: VS Code, Git, GitHub
Technologies/Frameworks: NodeJs, ExpressJs, WordPress, Tailwind CSS

Leadership / Extracurricular

Steppers Dance Club	**january -2021 – November-2021**
Member	*KIET Group of Institutions*

- Achieved 1st position in IIM Kashipur
- Developed strong time management and organizational skills by balancing club responsibilities with academic workload.

Epoque'24(College Fest)	**April 2024**
Event Coordinator	*KIET Group of Institutions*

- Coordinated with vendors, speakers, and performers to secure necessary services and support for events, showcasing strong negotiation and communication skills.