Archita Jain

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EDUCATION

Dr. A.P.J Abdul Kalam Technical University, Lucknow	Nov. 2021-July 2025
Bachelor of Technology in Computer Science	*Ghaziabad, Uttar Pradesh*

TECHNICAL SKILLS

Languages: C/C++, Python,SQL
Front-end: HTML/CSS, JavaScript, React, TailWind, API Integration
Backend: Node, Express, MySql, PostgreSql, MongoDB
Tools: Git/GitHub, VS Code, PyCharm, Postman,Canva

EXPERIENCE

Naval Innovators Pvt Ltd	September 2024 - March 2025
SDE (Web Intern)	*Remote*

- Designed and developed **7-8 responsive web pages** using **React.js** and **CSS3**, ensuring seamless performance across devices including desktop, tablet, and mobile aligned with brand aesthetics.
- Built a custom **content editor** using the **Jodit WYSIWYG editor**, enabling the content team to easily create and format educational materials in real time.
- Integrated RESTful **APIs** to dynamically fetch and post data between the **frontend UI** and **backend services**, improving overall user interaction and data flow efficiency.

PROJECTS

Country Explorer – Global Info Website — *AngularJS, HTML, CSS [visit]*
- Developed a **responsive single-page application** to explore global country data with **dynamic routing** and **region-based filtering**.
- Implemented **dark/light mode toggle** and modern UI to enhance **user experience across all devices**.
- Displayed structured information like **flags, capitals, and population** using a **static JSON source** with no backend dependencies.

Crowd Counting and Video Surveillance — *Python, YOLOv5, CSRNet, OpenCV, Deep Learning [visit]*
- Designed and implemented a **hybrid deep learning model** combining **YOLOv5 for person detection** and **CSRNet for density estimation** to enable accurate real-time crowd counting.
- Developed an **adaptive fusion mechanism** to integrate detection and density outputs, improving overall **count accuracy by 85%**.

FitFuel – Calorie Tracking & Wellness Web App — *React.js, Next.js, Tailwind CSS [visit]*
- Designed a responsive wellness platform to **track daily calorie intake** with visual progress indicators and intuitive UI.
- Implemented a **personalized food recommendation system** based on real-time user goals and dietary patterns.
- Integrated **interactive fitness carousels** offering exercise guidance to promote a balanced lifestyle.

ACHIEVEMENTS

- **300+ DSA Problems** - LeetCode
- **6 Star in SQL** - HackerRank
- **Responsive Web Design** - freeCodeCamp

COURSES & TRAINING

- **Deloitte Australia - Cyber Job Simulation** - Forage
- **Deloitte Australia - Technology Job Simulation** - Forage
- **Deloitte Australia - Data Analytics Job Simulation** - Forage
- **ChatGPT Prompt Engineering for Developers** - DeepLearning.AI
- **Full-Stack Web Development Bootcamp** - Udemy