

# TARUN

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## EDUCATION

- **Dr. APJ Abdul Kalam Technical University, ABES Institute of Technology** CGPA: 7.9  
*Bachelor of Computer Science and Engineering (AI Specialization), 2025* Ghaziabad, India
- **Indian Institute Of Computer Science** CGPA: 7.9  
*Diploma In Computer Applications and Programming, 2021* Delhi, India
- **Central Board of Secondary Education, ASVJ Sr. Sec. School** CGPA: 6.7  
*XII PCM with CS, 2020* Delhi, India

## INTERNSHIP EXPERIENCE

- **Asuun Wellness Private Limited** September 2024 - May 2025  
*Intern*
  - Designed UI for app modules using Figma and collaborated via Git for version control and seamless teamwork.
  - Implemented responsive and multilingual design for cross-device compatibility and user accessibility.
  - Processed datasets for object detection and modeling to enhance application accuracy.
  - Conducted application testing and documented functionalities for improved reliability.
  - Created dashboards and analyzed data using Power BI to generate actionable insights.

## PROJECTS

- **Water Quality Prediction Model** Team size: 2 members  
*Tools: Python, Flask, Scikit-learn, Pandas, NumPy, HTML, CSS, JavaScript, Jupyter Notebook*
  - Built a **Flask-based ML web app** to predict **water safety** using **survey**, **TDS**, and **pH** inputs.
  - Developed a **responsive UI** with **HTML/CSS/JS** for both general and advanced users.
  - Designed input forms using **TDS meters**, **pH strips**, and 6–8 survey features (e.g., **turbidity**, **conductivity**).
  - Trained **Random Forest** with **hyperparameter tuning**, outperforming SVM and Logistic Regression.
- **Spotify Clone - Web Music Player**  
*Tools: HTML, CSS, JavaScript*
  - Developed a **responsive and interactive music player** web app inspired by **Spotify**, featuring **dynamic playlists**, **song controls**, **volume settings**, and **seekbar functionality**.
  - Implemented **folder-based song browsing**, **JSON-powered album metadata**, and a custom **HTML5 audio interface** using **vanilla JavaScript**.
  - Hosted and tested the project **locally** with full functionality across **modern browsers** and responsive layouts for various screen sizes.
- **E-Commerce Website Comparator** Team size: 2 members  
*Tools: Python (Flask/Django), JavaScript, Beautiful Soup*
  - Developed a **web app using Flask** that allows users to **compare product ratings and prices** between **Flipkart and Amazon**, streamlining the comparison process.
  - Designed a **user-friendly interface** using **HTML, CSS**, and **JavaScript (Bootstrap)**, offering an intuitive browsing experience.
  - Integrated **web scraping functionality** with **Beautiful Soup** to gather **real-time data** from both e-commerce platforms.

## TECHNICAL SKILLS

**Frontend Development:** React.js, Next.js, Redux, HTML, CSS, JavaScript

**Backend Development:** Node.js, Express.js, EJS, REST APIs, MongoDB

**Tools & Software:** Postman, Git, Visual Studio Code, Slack, MS Office Suite, Figma, Power BI