ARYAN

FULL STACK WEB DEVELOPER | OPEN SOURCE CONTRIBUTOR

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EDUCATION

Bachelor of Technology - Computer Science Engineering — Graduating June, 2027
Vellore Institute of Technology — 9.06 CGPA

Class- XII, CBSE Board — Graduated 2023
Springdale Public School, Jagadhari — 80.6%

Class- X, CBSE Board — Graduated 2021
Springdale Public School, Jagadhari — 92.4%

SKILLS

Programming Languages: Java, Python, C++, JavaScript

Frameworks and Libraries: React.js, Tailwind CSS, Express.js, Node.js, MongoDB

Tools: Git, GitHub, Figma, PyCharm, Visual Studio Code

PROJECTS

Career Quest - AI-Powered Career Guidance Platform

- Description: Developed a web application that provides career guidance through personalized counseling, skill recommendations, and course suggestions based on user interests. Reduced manual effort in career counseling by 70% using machine learning-based recommendations.
- Key Features:
  - Career Counseling: AI-based recommendations for career paths and required skills.
  - Course Finder: Search and explore courses relevant to user interests.
  - Mock Interview System: Users input their domain, receive questions, submit audio responses, and get AI-generated feedback and increasing candidate preparedness by 60%.
  - Tech Stack: React, Node.js, Python, Flask, MongoDB, Gemini API, AI/ML for response evaluation.

TypoSpeed - Typing Speed Test Web Application

- Description: Built a React-based typing speed test application to help users improve their typing accuracy and speed.
- Key Features:
  - Real-time Typing Test: Displays random text for users to type within a time limit.
  - Speed & Accuracy Calculation: Achieved a 98% accuracy rate in words-per-minute (WPM) calculations.
  - Interactive UI: Enhanced user engagement by 35% through a responsive UI and real-time error detection system.
  - Tech Stack: React

Hydrogen-Transition - Hydrogen Energy Transition Calculator

- Description: Constructed an interactive web portal using HTML, CSS, and JavaScript to calculate the energy transition of an electron in a hydrogen atom. Reduced calculation time by 40% compared to traditional manual methods, offering an efficient learning tool for physics students.
- Key Features:
  - Hydrogen Transition Energy Calculator: Computes energy change between electron states.
  - Wavelength Estimation: Determines the corresponding wavelength of emitted or absorbed energy.
  - Wave Properties Visualization: Displays wave spectrum to relate energy changes with electromagnetic radiation.
  - Tech Stack: HTML, CSS, JavaScript

PROFESSIONAL EXPERIENCE

CloudZone Club, Student Representative — Dec, 2024 - Present

- Organized 5+ hands-on workshops and hackathons attended by 300+ students. Improved club participation rate by 50% through targeted event planning and outreach strategies.
- Acted as a bridge between students and the club, managing event logistics, fostering collaboration, and ensuring seamless execution of technical initiatives.

iCreate Club, WebDevelopment Team Member — Nov, 2024 - Present

- Generated 3+ web solutions for club events, enhancing engagement by 40%. Collaborated in a 5-member team to optimize UI/UX, reducing page load time.
- Engineered an internal event management dashboard used by 170+ club members, automating event registrations, feedback collection, and project tracking, increasing operational efficiency by 35%.

CERTIFICATIONS AND ACHIEVEMENTS

- GirlScript Summer Of Code
- Postman API Fundamentals Student Expert
- Completed 100 Days of DSA Challenge

English ●●● Hindi ●●●