# AADITYA JHA

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## Objective

Computer Science student with hands-on experience in full-stack web development through internships and technical training, seeking an opportunity to apply problem-solving skills, strengthen industry knowledge, and contribute to reliable and efficient software solutions.

## Experience

- **Full Stack Development Intern [🌐]** *June 2024 - Aug 2024*
  *BrainOVision Pvt. Ltd.* Remote
  - Developed responsive user interfaces using HTML, CSS, JavaScript, and React, improving usability across devices.
  - Worked with backend technologies including Java, Node.js, and MongoDB for data handling and application logic.
  - Integrated external APIs (including GROQ/OpenAI API) to enable AI-powered features and real-time responses.

## Education

- **Aditya Engineering College** *2022 - 2026*
  *B.Tech - Computer Science and Engineering* Surampalem, India
  - CGPA: 8.89/10
- **Viswa Niketan Secondary School** *2021*
  *Intermediate* Kathmandu, Nepal
  - GPA: 2.80/4
- **Shree Juddha Secondary Technical School** *2020*
  *Pre - Diploma (TSLC) in Computer Engineering (CTEVT)* Gaur, Nepal
  - Division: First
- **Shree Juddha Secondary School** *2019*
  *Secondary Education* Gaur, Nepal
  - GPA: 3.45/4

## Projects

- **Fitness Website: [Full-Stack Fitness Site]**
  *Tools: [React.js, Node.js, MongoDB]* [🌐]
  - Set up JWT-based authentication to provide secure, role-based access for users and trainers to fitness-related features.
- **Currency Converter: [Full-Stack FX Converter]**
  *Tools: [HTML, CSS, JavaScript, API Integration ]* [🌐]
  - Built a real-time currency converter using live exchange rate APIs.
  - Focused on clean UI, responsiveness, and accurate data handling.
- **AI - Driven Smart Personalized Learning Assistant: [MERN Stack]**
  *Tools: [MongoDB, Express, React, Node.js, GROQ/OpenAI API ]* [🌐]
  - Developed a full-stack AI assistant enabling ChatGPT-style interactive QA, Wikipedia/YouTube search, and automated quiz generation for personalized learning.
  - Deployed a production-ready application on Vercel (frontend) and Render (backend), ensuring responsive UI, real-time AI responses, and robust API integration.

## Skills

- **Programming Languages:** JavaScript, Java, C++, C
- **Web Technologies:** HTML5, CSS3, React.js, Tailwind CSS
- **Database Systems:** MongoDB, MySQL
- **Tools:** Git, GitHub, Postman, VS Code, Vercel, Render
- **AI & API Integration:** OpenAI API, GROQ API, REST APIs

## Certifications

- **CPA: Programming Essentials in C++** *Oct 2023*
- **APSSDC:** Amazon Web Services - Cloud Computing *Aug 2023*
- **Progra001: Java Programming Fundamentals** *April 2024*
- **Coursera:** Cryptography *Mar 2025*
- **NPTEL:** Introduction To Internet Of Things *Apr 2025*

## Additional Information

**Languages:** English, Nepali, Bazzika, Maithali, Hindi

**Professional Registration:** Nepal Engineering Council (NEC) Registered