

KANAK AHUJA

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SUMMARY

I am currently pursuing **Bachelor of Technology in Artificial Intelligence and Machine Learning** from Vivekananda Institute of Professional Studies, Delhi (AICTE approved, NAAC accredited Grade 'A++'). With a strong foundation in AI and ML, I am proficient in programming languages such as C, C++, Python, Web technologies such as HTML, CSS, JavaScript, React, and React Native. I have demonstrated academic excellence by securing the **first rank** in both the first and third semesters and achieving an overall first rank. This demonstrates my commitment to excellence and dedication to continuous learning.

EDUCATION

2021 - 2025	B.Tech in Artificial Intelligence and Machine Learning at VIPS-TC	(GPA: 9.36)
2021	Class 12th CBSE at Delhi Public School	(93 %)

PROFESSIONAL EXPERIENCE

Frontend Developer Intern - Gabit (July 2024 - Aug 2024)

- Added support for international login from scratch, increasing accessibility for global users.
- Implemented a 'coach busy' banner for the coach chat feature, improving overall user interaction by reducing confusion and wait times.
- Added a 'smart ring icon' to the landing page header, enhancing UI/UX for customers who have bought the smart ring.

Web Development Intern - Nexus Info. (Feb 2024 - Mar 2024)

- Developed and implemented an authentication system for a restaurant website.
- Improved user interface design, resulting in a notable increase in user retention.

Flutter Development Training - Brain Mentors Pvt Ltd. (Jul 2023 - Aug 2023)

- Completed a five-week in-house training program at VIPS-TC.
- Developed proficiency in Dart programming and Flutter framework for cross-platform mobile app development.

SKILLS

Programming and Database Skills: HTML, CSS, JavaScript, React.js, React Native, NextJS, Tailwind, C, OOP (Object-Oriented Programming), Axios, App Routing, Flutter, MySQL, DBMS, PHP.

Technical Skills: Data Structures & Algorithms, Machine Learning, Mobile Application- Flutter, Computer Networks- Cisco Packet Tracer, Software Engineering .

Tools: Git, GitHub, Bitbucket, Postman, Slack, Reactotron, Google Docs, MS Excel, MS Word.

Soft Skills: Analytical skills, Self-motivated, Problem-solving, Team player, Quick learner, Multitasking.

RESEARCH WORK & PUBLICATIONS

- "Advancing Technology for Safer Roads: Intelligent Systems and Innovations in Accident Detection for Prioritizing Road Safety Education". Bharti Publications (ISBN: 978-81-19757-76-3).
- "Analysis of Factors for Electric Vehicle Usage in India" (In process, to be published in Taylor and Francis).
- "Integrative Mental Health Monitoring" (In process).

PROJECTS

Gabit App

Developed and implemented international login support from scratch using React, enhancing global accessibility. Improved user interaction with a 'coach busy' banner for the coach chat feature and enhanced UI/UX by adding a 'smart ring icon' to the landing page header for customers.

Keywords: React, React Native

Travel Website

Developed a travel website for IIT Kharagpur US Trip with user authentication, dynamic content, and database management. Designed a MySQL database and wrote optimized PHP code for server-side operations. Applied HTML, CSS, and JavaScript for a responsive, user-friendly interface.

Keywords: HTML, CSS, JavaScript, PHP, MySQL

Avalanches Early Detection & Mitigation

Developed a real-time avalanche risk assessment and prediction system to support tourists and trekkers, providing emergency help and enhancing safety measures.

Keywords: Machine Learning, Artificial Intelligence, Keras/TensorFlow, JavaScript, Dart

Auto Crash Alert

Developed a hardware-based system to detect car accidents, instantly dispatching ambulance services to precise locations, revolutionizing emergency response.

Keywords: Micro-Python, IoT - Ultrasonic Sensor, ESP-8266, Arduino IDE

Flutter App Clones

Developed Flutter app clones like BMI Calculator, BlinkIt, Netflix, TED, Weather, and YouTube, showcasing expertise in cross-platform development, UI/UX design and real-time data handling.

Keywords: Flutter, Dart, UI/UX Design

ACHIEVEMENTS AND CERTIFICATES

- Best Research Paper Award at SDG International Conference'23 [Click here](#).
- 1st Runner Up in PitchitUp, Ideathon'23 at VIPS [Click here](#).
- Top 15 in Vihaan 6.0 Hackathon at Delhi Technological University [Click here](#).
- Get started building with Power BI (Jun 2024) [Click here](#).
- Industrial Visit to Network Bulls on Network Implementation (Dec 2023) [Click here](#).
- Python Programming Certificate (Aug 2023) [Click here](#).
- Flutter Programming Certificate (July 2023) [Click here](#).

POSITION OF RESPONSIBILITY

- Internshala Student Partner (ISP) (May 2024 - Present)
 - Educated college students on internships and online training, contributing to a 20% increase in student internship enrollments.
 - Supported the ISP team's mission at Internshala, enhancing global student engagement.
- Placement Coordinator, VIPS-TC (Jan 2024 - Present)
 - Coordinated placement activities, leading to a 15% rise in student job placements.
 - Organized recruitment events and offered career guidance, boosting student satisfaction
- Social Media Head, Srijan Society of VIPS-TC (Dec 2021 - March 2024)
 - Volunteered as a Social Media Manager, actively contributed to events such as Swachh Bharat Abhiyan and the Zero Hunger Project.
 - Developed content strategies that increased the society's social media following by 25%.