

**Rahul Yadav**  
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## PROFILE SUMMARY

Web developer with hands-on experience in creating innovative applications, including a comprehensive mobile app for Sneha Hospital. Passionate about leveraging technology to enhance healthcare, with a keen interest in AI-based health applications. Proficient in Python, Java, C, C++, and experienced with web and mobile app development using tools like Apache Cordova.

## PROFESSIONAL EXPERIENCE

### Web Developer

**Sneha Hospital, Rural area of Nepal**

**May 2024 - Present**

- Spearheaded the development of a mobile app to manage patient health records, regular check-ups, and health reports, benefiting over 1000 patients.
  - Implemented an emergency ambulance feature with a 30-minute response time, enhancing emergency response efficiency by 50%.
  - Utilized web development skills and Apache Cordova for mobile app deployment, ensuring cross-platform compatibility.
  - Coordinated with doctors to ensure the app meets all necessary healthcare standards and requirements.
  - Anticipated project completion by 15th August 2024, with plans to launch on Google Play Store and App Store later.
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## EDUCATION

**VIT, Vellore**

**Vellore, Tamil Nadu**

**Bachelor of Technology in Computer Science**

**Expected Graduation: 2026**

- Relevant Coursework: Data Structures and Algorithms, Web Development, Mobile App Development.
  - CGPA: 7.43 ( This is 4th semester CGPA )
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## TECHNICAL SKILLS

- Programming Languages: Python, Java, C, C++
  - Web Development: HTML, CSS, JavaScript, Apache Cordova
  - Mobile App Development: iOS Development
  - Data Structures and Algorithms (DSA)
  - Proficient with tools such as Git, Visual Studio Code, and Xcode
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## PROJECTS

**Aarogya App**

**May 2024 - launching next month**

- Developed a mobile app for Sneha Hospital to manage patient health activities, regular check-ups, and health reports.
- Technologies Used: Web Development (HTML, CSS, JavaScript), Apache Cordova
- Overcome technical challenges in cross-platform compatibility and data security to ensure a reliable and secure app experience.
- Creating the app, ensuring it met healthcare standards and provided a user-friendly interface.

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## ADDITIONAL INFORMATION

**Certification:** Completed Python course from the free CS50p program by Harvard University.

**Languages:** Maithili ( Native ), Nepali (Native), English(Fluent), Hindi(Fluent)

**Achievements and Interests:**

- Actively working on an environment-related website and updating github profile.
- Passionate about developing AI-based health applications to improve accessibility to medical assistance.
- Interest in leveraging technology for social good and enhancing the healthcare sector.