AKSHAY KUMAR

SOFTWARE ENGINEER

✉ kumarakshaykolhi@gmail.com   📞 +923473556629

📍 Hostel City Near COMSATS University Islamabad   in www.linkedin.com/in/akshay-kumar-245783187

○ github.com/kumaraksahay

PROFILE SUMMARY

Software Engineer and BS Software Engineering student at COMSATS University Islamabad, specializing in end-to-end web and mobile application development. Proficient in React Native, React.js, Node.js, and Firebase, with expertise in building scalable, high-performance, and user-focused applications. Currently leading my final year project, SkinScan, an AI-powered skin disease detection system, where I serve as the Project Manager, overseeing development, task allocation, and team coordination. Experienced in freelance projects delivering real-world solutions, with strong communication, leadership, and problem-solving skills, and a passion for innovation and continuous professional growth in software engineering.

EXPERIENCE

Full Stack Web Developer
CareCloud MTBC

- Completed an internship at CareCloud MTBC as a Full Stack Web Developer, where I worked on developing and optimizing dynamic web applications using modern front-end and back-end technologies. I participated in requirement gathering sessions to understand project needs and translate them into technical specifications. Gained hands-on experience in database integration, API development, and building efficient, user-friendly interfaces. Strengthened my presentation and communication skills by delivering progress updates, documenting workflows, and collaborating effectively with senior developers and team members.

Full Stack Web Developer
Secretary National Assembly of Pakistan

- Completed an internship at the Secretary National Assembly of Pakistan as a Full Stack Web Developer, contributing to the development and maintenance of interactive web platforms using modern frameworks and technologies. I actively engaged in requirement gathering and analysis, helping define system functionalities and ensuring alignment with user and organizational needs. This experience enhanced my technical expertise, communication, and presentation skills, as I regularly participated in meetings, project briefings, and technical demonstrations while collaborating within a professional environment.

The Green Urban Development School (GUDS), launched at COMSATS in collaboration with the School of Leadership Foundation (SOLF) and supported by the U.S. Embassy
focuses on innovation in sustainable urban development. I contributed by leading requirement gathering and research to design a web-based platform and propose a mobile app idea that promotes green initiatives and community engagement. This project refined my presentation and communication abilities, as I presented ideas to mentors and partners while transforming user needs into actionable digital solutions for environmental and educational impact.

EDUCATION

BS Software Engineering
COMSATS University Islamabad
- BS Software Engineering from COMSATS University Islamabad

HSSC with A1 grade
BISE Mirpurkhas, Sindh
- HSSC with A1 grade from BISE Mirpurkhas, Sindh

SKILLS

Full Stack Developer (Web & Mobile Application)

Programming Languages
JavaScript, Java, Python

Framework & Libraries
React.js , React Native, Redux, Node.js . Express.js

Backend Skills
Firebase and MongoDB for authentication, APIs, and real-time databases

Tools and Platform
VS Code, Git/GitHub, Android Studio, Postman, MS Office

Other Skills
VS Code, Git/GitHub, Android Studio, Postman, MS Office

PROJECT(REACT AND REACT NATIVE)

Scan Skin 🔗
Scan Skin: A React Native and web-integrated full stack project that helps users detect skin diseases,book dermatologist appointments, and access detailed care guides.
Scan Skin: A React Native-based mobile application developed as my Final Year Project, designed to help users detect skin diseases, book dermatologist appointments, and access detailed care guides. The app features Al powered image scanning, a doctor web portal for managing appointments, QR-coded confirmations, real-time chat support, and online prescription generation. This project showcases my full-stack development skills, integrating Firebase backend and machine learning models to deliver an intelligent, user-friendly healthcare solution.

PlantCare 🔗
PlantCare is a mobile app that detects plant species through image scanning and identifies which plant it is.
hem instantly. The app provides a built-in marketplace where users can buy and sell plants easily, connecting plant enthusiasts with nearby sellers. It simplifies plant care, trading, and community interaction, offering a smooth and engaging user experience.

WheelHub
A full stack web project designed for buying and selling car parts with ease while helping users locate nearby mechanic shops and machine services.
The platform integrates an Al-powered image recognition module that analyzes uploaded images to ensure accuracy, if a user uploads a non-car image, the system prompts them to upload valid car or car part images. This project combines modern web technologies with Al to deliver a reliable and user-friendly automotive marketplace experience.

Appointment Book
A full stack web project that enables users to book doctor appointments anytime with ease.
The platform allows patients to search for specialists, view their availability, and instantly confirm appointment slots through an interactive web interface. Designed with efficient backend integration, it ensures real-time updates, smooth scheduling, and fast access to healthcare professionals without delays.