

Aman Kumar

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EDUCATION

University Institute of Engineering and Technology kurukshetra University

Expected May 2025

Bachelor of Technology in Computer Science

Kurukshetra, Haryana

- **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Computer Networks, Database Management System, Operating System

TECHNICAL SKILLS

Programming Languages: Java, Kotlin, JavaScript

Frameworks and Libraries: Jetpack compose, React Native, ReactJS, Next.js, Node.js

Databases: MongoDB, MySQL, SQLite, RoomDB, Firebase

WORK EXPERIENCE

Mobile App Developer

ItsMyKart, Remote

June 2023 - August 2023

- Developed a user-friendly E-commerce app using React Native, with separate functionalities for user and admin.
- Implemented Redux for efficient state management, enabling smooth cart functionality and key features like checkout and product management.

PROJECTS

Fit Yatra - A Health and Fitness App

Kotlin, XML, Firebase ML Kit, SQLite, Python(flask)

- Developed a Health and Fitness App featuring Step Tracking using mobile sensors, posture detection, exercise rep counting using ML Kit, and calorie monitoring.
- Integrated chat-bot, personalized diet plans, and goal-setting features based on user health data, with corrective activities for posture improvement.
- Utilized Health Connect API for seamless integration of health data and implemented dynamic graphs to visualize progress in steps tracking, calorie burn, and intake over the past 7 days.

Electric Vehicle Charging Station Booking App

React Native, Node.JS, Express.JS, MongoDB

- Developed the mobile app by integrating Google Maps API, enabling real-time display and sorting of charging stations based on the user's location.
- Implemented a booking algorithm that allows users to reserve charging stations and check real-time availability of each charging station with user reviews on app.
- Integrated Stripe API for secure payment transactions within the app.

Clinic Management System

ReactJS, Node.JS, Express.JS, MongoDB, Gemini API

- Developed a comprehensive Clinic Management System using React Native, Node.js, and MongoDB, streamlining appointment scheduling, prescription management, and patient record management for small clinics in India.
- Integrated Optical Character Recognition (OCR) technology to convert prescription and medical report images into digital text, enhancing accuracy and efficiency in medical record handling.

POSITION OF RESPONSIBILITY

Technology Team Lead

Ecell UIET KUK

March 2023 - Present

- Developed a Next.js-based website for the E-Cell Club, featuring detailed event descriptions, gallery showcases, and profiles of team members, providing an engaging platform for showcasing activities and past events.

ACHIEVEMENTS

- Led the team to victory in the Hack4Health National Level Hackathon on Unstop, focusing on innovative healthcare solutions.
- Successfully led and won a College-Level Hackathon by delivering an impactful project for Training and placement data management.