

Akash Yadav

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EDUCATION

Chandigarh University

Bachelor of Engineering in Computer Science

Punjab

2021 - 2025

SKILLS

Programming Languages: Java, SQL, HTML, CSS, Dart, C++ (Basic)

Frameworks: Flutter, Material-UI, React (Basic)

Coursework: Operating Systems, Computer Networks, Database Management Systems, Object-Oriented programming, Data Structures and Algorithms, Software Development Life Cycle

Technologies: Git, GitHub, GitLab, MySQL, VS Code, IntelliJ, Eclipse, Figma

Development: Agile, Scrum, Continuous Integration (CI), API Integration

EXPERIENCE

Medoc Health Pvt.Ltd. | Flutter Lead

March 2024 - Present

- Led mobile app development with Flutter, Dart, and API integration, increasing user engagement by 25%.
- Planned features for patient monitoring, medication management, and prescription tracking, reducing response times by 30%
- Ensured timely project delivery while meeting healthcare compliance and data security standards.
- Optimized app performance, boosting user retention by 20% and reducing load times by 15%.

PROJECTS

Medoc++ Healthcare Mobile Application | Mobile Development, API Integration

April 2024

- Composed a robust healthcare mobile application using Flutter, leveraging clean architecture principles to enhance scalability and maintainability, resulting in a 30% increase in user engagement and a 25% reduction in less time.
- Spearheaded the implementation of real-time data synchronization through RESTful API connections, resulting in a 30% reduction in user-reported lag time while navigating app features.
- Integrated secure OAuth 2.0 authentication and authorization protocols, ensuring HIPAA compliance and safeguarding patient data privacy.

Healthcare Platform Web Application | Mobile Development, API Integration

March 2024

- Engineered a scalable, high-performance healthcare platform utilizing Flutter Web and RESTful APIs, successfully supporting over 100,000 users.
- Defined secure data storage solutions that achieved zero security breaches during three consecutive quarterly audits, ensuring the integrity of sensitive patient information.
- Crafted 20+ responsive UI components in alignment with Material Design principles and best practices in healthcare UX, resulting in a 15% increase in user satisfaction as measured by user feedback surveys.

E-Book with AudioPlayer Mobile Application | Flutter, Dart, Mobile UI/UX Design

Jan. 2024

- Optimized app performance through advanced state management and caching techniques, achieving a 40% reduction in load time.
- Integrated real-time data synchronization via RESTful APIs, delivering a seamless user experience enhanced by effective state management.
- Analyzed an interactive prototype featuring Material Design and custom animations, resulting in a 20% increase in user engagement.

CERTIFICATES/ACHIEVEMENTS

- Introduction to Android Mobile Application Development (Meta)
- SQL: A Practical Introduction for Querying Databases (IBM)
- IBM Front-End Developer Professional Certificate
- Build Your Portfolio Website with HTML and CSS
- Ranked among the top teams in a highly competitive Tekathon at Chandigarh University.
- Received an award at university tech fair for creating an application that solved a common user issue.