ASWIN K M

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EDUCATION

Lovely Professional University	Punjab, India
Bachelor of Technology in Computer Science and Engineering	2022 - 2026
GVHSS PUTHENCHIRA	Thrissur, Kerala, India
12th in Science *GPA: 95.96%*	2018 - 2020
GVHSS PUTHENCHIRA	Thrissur, Kerala, India
10th *GPA: CGPA: 9.9*	2017 - 2018

EXPERIENCE

HackAI Hackathon — Remote
Software Developer (Blockchain & AI) — February 2025

- Engineered a blockchain-powered pension distribution system using **React.js, Solidity, and Web3.js**, ensuring secure and tamper-proof transactions.
- Integrated an **AI-driven fraud detection mechanism** to identify suspicious activities and enhance trust in the system.
- Designed and deployed **smart contracts** to automate pension distribution, reducing reliance on manual processes and improving efficiency.
- Collaborated with a cross-functional team to build a **scalable and user-friendly** platform under tight hackathon deadlines.

SKILLS

Programming Languages:	JavaScript, Python, C++
Frameworks:	React.js, Next.js, Node.js, React Native, Flutter
Tools:	Web3.js, MongoDB, Tailwind CSS, Express.js, SQL, Firebase, Supabase, Auth0
Libraries:	Three.js, Framer Motion, Reanimated Library
Soft Skills:	Communication, Problem Solving, Teamwork, Adaptability

PROJECTS

Pick Me Some — Link
React.js, Framer Motion, Tailwind CSS, Lenis, Axios
A dynamic web application that helps users discover and curate their next movie or TV show watch list through an engaging, Tinder-like interface.

- **Carousel Showcase**: Browse through popular and top-rated movies and TV shows in a sleek carousel display.
- **Detailed Views**: Click on any title to view comprehensive information about the movie or show.
- **Swipe Interface**:
  - "Pick Me a Movie" - Swipe right to add movies to your watchlist, left to skip.
  - "Pick Me a Show" - Same intuitive interface for TV shows.
- **Smooth User Experience**: Clean animations powered by Framer Motion, smooth scrolling with Lenis, and responsive design with Tailwind CSS.

Design Challenge — Link
React Native, Flutter, UI Design, Redux, Provider, Mobile Development
Recreated multiple Dribbble UI designs as fully functional mobile applications using React Native and Flutter, achieving pixel-perfect replication with smooth animations and intuitive user interfaces.

- Implemented Redux (React Native) and Provider (Flutter) for state management.
- Utilized component-based architecture and scalable design patterns.

Task Manager — Link
Next.js, Express.js, Node.js, MongoDB, Tailwind CSS, REST API, User Authentication
Developed a full-stack task manager application using Next.js, Express.js, Node.js, and MongoDB.

- Implemented user authentication and REST APIs for task CRUD operations.
- Styled the application with Tailwind CSS, creating a modern and responsive interface.

CERTIFICATES

React Certificate   Meta (Coursera) | April 2023
Mastered **React fundamentals**, including **components, state management, and hooks**, enabling the development of interactive web applications.

React Native Certificate   Meta (Coursera) | July 2023
Gained expertise in **React Native** for **cross-platform mobile app development**, covering **UI components, navigation, and state management**.

Programming in C++   Coursera | June 2023
Developed strong foundations in **C++ programming**, including **Object-Oriented Programming (OOP), Standard Template Library (STL), and memory management**.