Yogesh Jindal

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Electronics and Communication
Indian Institute Of Information Technology, Una

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Information Technology, Una	7.41	2022-Present
Senior Secondary	CBSE Board	88.2%	2022
Secondary	CBSE Board	88%	2020

EXPERIENCE

Android Developer - SR Fusion Tech | Sep 2024 - Feb 2025

− Engineered the core functionality of Android application "Locker," integrating PIN, fingerprint, and facial recognition authentication, alongside a customizable pattern lock, enhancing user data protection by 60%.
− Modified a custom library for a multi-node pattern lock mechanism, allowing more flexible user interactions by enabling the selection of multiple nodes in any sequence.
− Added a feature to lock any installed app on the user's mobile device, prompting for necessary permissions to ensure secure app access control.

PROJECTS

InfoBooster | *Kotlin, Jetpack Compose, Dagger-Hilt, MVVM, Room Database* Click here

− Developed InfoBooster to deliver the latest headlines and in-depth articles with a sleek, modern Android experience.
− Implemented MVVM (Model-View-ViewModel) for a clean separation of concerns and Clean Architecture to enhance code scalability and maintainability, reducing codebase complexity by 30%.
− Utilized Retrofit to ensure efficient and reliable communication with news APIs, resulting in a 40% improvement in data retrieval speed.
− Integrated Room Database for local data caching, which decreased network usage by 25% and provided seamless offline access to news articles.

Restaurant Application | *Node.js, Express.js, MongoDB, React.js* Click here

− Developed a full-stack restaurant management system featuring user authentication, menu management, order tracking, and role-based access control.
− Architected secure RESTful APIs using Express.js and Node.js with JWT-based auth, connected to MongoDB; decreased average API response time by 30% through optimized data retrieval processes.
− Implemented authentication and authorization using JWT and bcrypt, supporting different user roles such as Admin, Staff, and Customer.
− Designed and connected frontend interfaces with backend APIs, allowing seamless interactions for ordering and menu viewing.

TECHNICAL SKILLS

Languages: C, C++, Python, Kotlin (Java)
Backend Frameworks: Node.js, Express.js
Frontend Technologies: HTML, CSS, React
Developer Tools: GitHub, Visual Studio Code, Postman, Android Studio
Databases: MongoDB, Firebase, Room Database
Technologies: REST APIs, JWT Auth, MVC Architecture, Retrofit, Jetpack Compose

ACHIEVEMENTS

• Solved 500+ coding problems on Data Structures and Algorithms (DSA) on GeeksforGeeks and LeetCode.
• Contributed to a popular open-source GitHub repository with over 10k stars by enhancing features and fixing critical issues.
• Completed the **Cloud Foundations – Advanced** course from Great Learning in just 23 days.
• Successfully finished the **Google Cloud Engineering** learning pathway.