PIYUSH DALVI

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PROFESSIONAL EXPERIENCE

Android Developer Intern : AppsAit ,Gurgaon, Haryana   April 2024 – Present

- Developed an Attendance Tracker app with integrated payroll and leave management features, improving HR efficiency by automating manual processes.
- Implemented MVVM Architecture ,Coroutines , Server Code using Cloud Functions
- Used Firebase as backend service
- Unit and integration testing
- Collaborated with teams including UI/UX designers, backend developers, and project manager.

SKILLS

- **Languages:** Java , Kotlin , Python , XML , SQL , C++
- **Skills/Frameworks:** Android Studio, Jetpack Compose, Kotlin MultiPlatform, Firebase, Rest APIs ,Google Cloud, TensorFlow Lite , MySQL, Github
- **Designing:** Adobe Express, Illustrator, Lightroom, Figma, Canva, Blender, Spline , Augmented Reality-Meta Spark Studio
- **Relevant Coursework:** Data Structures in Java , Software Engineering, Operating System, Database Management System.

EDUCATION

Datta Meghe College of Engineering , Airoli , Navi Mumbai   Oct 2021-2025
BE in Computer Engineering (CGPA: 8.4/10)

CLUBS AND ACTIVITIES

- National Service Scheme (NSS)- Volunteer (2022-24)
- Computer Society of India(CSI):
  Publicity Team Member (2022-2023)
  Technical Team Member(2023-2024)

CERTIFICATIONS

- Programming in Java - NPTEL(IIT Kharagpur)
- Java Training-Spoken Tutorial(IIT Bombay)
- Hacktoberfest-Github

PROJECTS

Health Connect

An NFC-based healthcare application to streamline hospital processes that significantly reduces the time needed for manual form filling.

Key Features:
- NFC Integration: Tap device or ABHA card to hospital's device for form filling .
- QR Code Option: Added an encrypted QR scanner for form filling if NFC is not enabled.
- Data Management: Store and manage patient health records and details.
- Doctor Access: Fetch admitted patient data using an NFC tag/band.
- Security: Encryption and Decryption techniques for NFC tags and QR code.

Additional Features: Appointment Booking,Real-time updates, Emergency Call ,User-Friendly Interface
Technologies : Android Kotlin, NFC, Firebase, Gemini API , Coroutines
Social Impact: Solved the social issue of hospitals delaying patient admission due to incomplete form filling, ensuring timely care.

CSI-DMCE

Contributed to the development of an app for the Computer Society of India at college, collaborating with committee members.

Key Features:
- Expenses Management: Track and manage expenses.
- Committee Member Details: Maintain and access details of committee members.
- Event Enrollment: Register for upcoming events.
- Complaints Handling: Submit and manage complaints.
- Attendance Tracking: Monitor and record attendance.
- Agenda Management: Manage and view agendas for meetings and events.
- Announcements & Notifications: Implemented features for posting announcements and sending notifications.

Technologies : Android Studio , Kotlin, Firebase ,Admin SDK

Image Drive

Developed an app for storing and managing images in Firebase Cloud Storage with robust CRUD operations and authentication.

Key Features:
- Image Storage: Upload and store images in Firebase Cloud Storage.
- Real-time Sync: Synchronize images and changes across devices in real-time.
- Photo Capture & Upload: Add photos directly from the camera or internal storage.
- Authentication: Secure user access with authentication features.
- Material UI: Designed a modern and intuitive user interface using Material UI.

Technologies Used: Android Kotlin,Firebase Cloud Storage, Firebase Authentication, Material UI.