

AMEY PANDIT

3rd Year IT Engineering Undergraduate

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panditamey

Mumbai, India

INTERNSHIP EXPERIENCE

Software Development Intern

AsTheTech

January 2023 – March 2023

- Enhanced Android Apps and Responsible for Maps Integration, Testing, Enhancing UI of Application with State Management using Riverpod.

Android Developer Intern

Techq Konnect Technologies

October 2021 – Nov 2021

- Worked on several Android Development Projects.
- Responsible for working on Various **Data Storage Modules**, Made **Serverless Backend** using **Lambda Functions** for Some Apps, Made **Chat Bot** to efficiently solve client's common issues.

RESEARCH

Diabetic Retinopathy Detection (IBSSC 2022)

Aug 2022 – Feb 2023

- Worked under Prof. Pranoti Nage on Diabetic Retinopathy Detection by Deep Learning.
- Tried to solve issue of testing retinal image samples using Mobile device. Developed, Tested and Compared many **CNN Models**. Used **APTOS Dataset** for training and testing models.
- Also implemented the same model in Android App using TFLite and Flutter.

OTHER EXPERIENCES

Smart India Hackathon 2022 | Participant

- With the team of 6 Team Members we worked on Depression Detection Using MRI Scans to develop **Computer Aided Diagnosis Model using Support Vector Machine Learning**. Solution Got Selected Under Waitlisted Category.

E-Yantra, IIT BOMBAY | Participant

- We worked on Soil Monitoring Bot. Implemented **Path Planning** For Bot Over Arena and other functionalities and We successfully qualified for Stage 2

IEEE ACE Chapter | Technical Volunteer

- We worked on Auto-Driving Car. Implemented **AR Switch** For Car using Blink API and other functionalities.
- Also Developed **AR based Interior Designing App**.

COMMUNITY EXPERIENCES

GDSC ACE | Lead 2022

- Organized Hackathon and many workshops on Android Development, Google Cloud Platform, etc.

GDSC VJTI | Team Member

- Participated in Android Study Jam, Flutter Festival, 30 Days Of Google Cloud Program and other events.

EDUCATION

Bachelor of Engineering in Information Technology | 9.7 CPGA

Atharva College of Engineering (Mumbai University)

2020 – 2024(Expected)

HSC (PCMB)

Sathaye College, Mumbai

2020

SSC

St. Xavier's High School, Mumbai

2018

TECHNICAL SKILLS

Programming

Python, Java, C & C++

Tools

Git, Linux, Android Studio

Library Frameworks

Node, Flask, Express

Technologies Databases

MongoDB, SQL, Flutter, Firebase

PROJECTS

DOCIFY | 10/2022 - Present

- Developed an Blockchain based **Document Verification System** where document is hosted on **IPFS** and Details about the document is published with smart contract on **Ethereum Network**.

IT CONNECT APP | 09/2021 - Present

- This is an android app made for our college students of IT branch to **Share Notices**, **Book Pdfs**, **Ebooks**, **Timetable** and Other **Academic Alerts**. Made Using **Java**, **Firebase** and **Node Backend**.

EXPLOAR APP | 12/2021 - 01/2022

- Built an educational app for school students where they can **visualize** their subjects with the help of **AR Technology**. Made Using **Java**, **Sceneform** and **Unity**.

FARMER BUDDY APP | 09/2021 - 11/2021

- Built an app for Farmers Where they can buy, sell, ask for donations, Chat with Other Farmers and NGOs, **Watch New Farming Techniques** with **Crop Disease Detection** Feature.

MHTCET-JEE-NEET Past Year Question Paper App | 05/2021 - Present

- Built an educational app for MHTCET, JEE, NEET Aspirants where they can find past year question papers with solution and PDFs of many other Books.