Ayush Dubey

 github.com/devAyushDubey | linkedin.com/in/ayush-dubey-/ | dubeyayush02@gmail.com | +91-7652035409

ACHIEVEMENTS

1. Winner - Smart India Hackathon 2022	Asia's largest hackathon organised by Government of India	2022
2. Finalist - HCL Hack IITK & IIT ISM HackFest'22	Headed by IIT Kanpur & IIT ISM Dhanbad	2021-22
3. Winner - 10+ Hackathons	Appathon by TiE Univ., execute2.0 by DTU, IEEE, etc	2021-22
4. 3* CodeChef, 200+ Leetcode	Coding Profiles	2021-22
5. 2x Gold Medal - NCO (School)	National Cyber Olympiad by SOF	2018-20

EDUCATION

KIET Group of Institutions, Ghaziabad, Delhi NCR — 2021 - 2024
Affl. Dr. A.P.J. Abdul Kalam Technical University, U.P.
Bachelors of Technology in Computer Science and Information Technology — GPA: 8.50

Sunbeam English School, Bhagwanpur, Varanasi — 2020
Senior School (12th CBSE) — 87%

EXPERIENCE

1. C3i Hub, IIT Kanpur — May 2022 - July 2022
Backend Intern — Remote
- Realtime streaming and visualization of pipelined data using ELK Stack on a server. Upgraded data visualization performance by 50%.
- Organization of data on MongoDB with NodeJS (mongoose) for fast access. Decreased request response time by 20%.
- Scrapping of sites like Twitter, Telegram using APIs, Beautifulsoup and bots. Improved the speed of data collection by a factor of 2 (2x).

2. Innogeeks (Student Community) — 2021 - Present
Core Team & XR Mentor — Ghaziabad
- Taught and mentored 200+ students, took sessions and bootcamps on Android and Mixed Reality.
- Organized and Coordinated all India Hackathon (InnoHacks'22) with 1000+ participants.
- Developed multiple award winning projects in a team of 4-5 members.

PROJECTS

1. FITJOY- An All in One Fitness App
Android(JAVA), Firebase, Unity, Python, MapBox SDK, Linux, Git — git.io/ARWalking
- Proposed and Inducted an AR and ML based Android Application from scratch in a team of 4, that corrects your exercise postures using trained models and OpenCV.
- Ideated and Implemented AR based Treasure Hunt feature using MapBox SDK. Added significant value to User Retention on the application, increased by 30%.

2. MUKT- A Platform for Nasha Mukt Bharat
Android(JAVA), MongoDB, Express, NodeJS, RESTful APIs, Retrofit, Python — git.io/Mukt
- Led a team of 6 in developing an Android Application platform for Ministry of Social Justice and Empowerment, got rewarded with INR 1 Lac in SIH'22.
- Implemented Server Infrastructure with MongoDB, NodeJs, and Express, Integrated Machine Learning models including Recommendation system and Chat Bot over a server, used RESTful APIs and Retrofit for the same. Also refined data structures on the local client and enhanced performance by 20%.

CERTIFICATIONS

1. **Android Nanodegree: Udacity** - Covers all fundamentals of Native Android App development with Java
2. **Kotlin Essentials Training: LinkedIn** - Kotlin as a replacement for Java in App Development
3. **UX Design Foundations: Adobe** - User Experience, Wireframes, A/B Testing, Design Principles, Material Design Principles, etc.
4. **Introduction to Data Science: IBM** - Basic Introduction to Big Data and Data Science Use cases.

TECHNICAL SKILLS

Android Development: Java, Kotlin, Firebase

Backend Development: MongoDB, Express, NodeJS

Augmented/ Virtual Reality: Unity Engine, Google AR Core, AR Foundation, Vuforia, Google Cardboard VR

Data Structures and Algorithms

Miscellaneous/ Tools: Docker, Linux, Git, ELK Stack, RESTful APIs, Postman, Twitter/ Telegram API, Beautifulsoup, PyMongo, Mongoose, PyreBase

Programming Languages: C/C++, Java, Python, JS

HOBBIES

Music, Guitar, Singing, Football, Travelling, Video Games, Photography