

Mosaif Ali

✉ mosaif.ali.39@gmail.com ☎ 9083376728 📁 My Portfolio Website 🐙 Github

🎓 EDUCATION

B.Tech-M.Tech (Dual Degree) in Biotechnology, *School of Biotechnology, KIIT University*
CGPA: 7.98 (Till 8th Semester)

2018 – present
Bhubaneswar, India

📖 COURSES

IBM Data Science Professional Certificate, *Coursera*

Building data science skills, learning Python & SQL, analyzing & visualize data, and building machine learning models.

Nov 2022 – present
Remote, India

🧠 SKILLS

Python | Android Studio | Scikit-learn | Flask | MongoDB | React Native | OpenCv | Ktor
MVC - MVVM Architecture | Kotlin | Clean Architecture Framework | Kotlin Multiplatform

📁 PROFESSIONAL EXPERIENCE & PROJECTS

Junior Application Product Engineer, *Prantae Solutions Pvt Ltd.*

I'm a versatile professional driving innovation in backend development, Android app creation, and signal processing at Prantae Solutions. With expertise in Python Flask, Android Studio, and signal processing, I contribute to cutting-edge solutions that elevate user experiences to meet evolving digital demands. My role merges these skills to create impactful, user-centered solutions.

Key Contributions:

- Developed and optimized RESTful APIs that served as the backbone for our applications, resulting in reduced latency and enhanced overall responsiveness.
- Design and develop Android applications with compelling user interfaces, resulting in increased user engagement and positive feedback.
- I've significantly improved user experiences and data insights by developing and implementing advanced image processing and edge detection algorithms in signal processing.

Python Developer Intern, *Prantae Solutions Pvt Ltd / Project Spiro*

Building a biomedical device that can quantify the level of Chronic obstructive pulmonary disease (COPD) in an individual.

- Check out Spiro Features Lib [here](#) ☑ .
- Check out Spiro Streamlit App [here](#) ☑ .
- Check out Spiro Realtime Plot Lib [here](#) ☑ .
- Check out Spiro Native App [here](#). ☑

Nov 2022 – May 2023
Bhubaneswar, India

Python Developer Intern, *LarkAI Pvt Ltd / Project Nexus*

As a Project Team Leader of Nexus, I honed my leadership and management skills, leading the team to a notable second-place finish in the open competition at NIT Rourkela. My work involved working with various sensors and creating a desktop application for the real-time acquisition of data and differentiation between two acquired signals.

Nov 2019
Bhubaneswar, India

Python Developer Intern, *LarkAI Pvt Ltd / Project Cardiotrack*

Signal Processing expert with experience in developing an algorithm for identifying QRS complexes in ECG signals, designing a real-time data visualization interface, and creating a feature extraction library for heart disease classification using Deep Learning. A valuable contributor to healthcare and medical research.

Jul 2019 – Aug 2020
Bhubaneswar, India