

ROHAN TALAVIAYA

DATA SCIENTIST

+91 7048175499

rohantalaviya10@gmail.com

<https://rohantalaviya10.github.io/rohantalaviya-/index.html>



PROFILE

Information Technology graduate with a solid foundation in data science and machine learning. I bring 2.5 years of hands-on experience as an Android app developer, where I honed my skills in creating user-centric mobile applications. My journey in IT has equipped me with strong problem-solving abilities, and I am now focused on leveraging my knowledge in machine learning to tackle complex data-driven challenges. I am passionate about continuous learning and eager to contribute to innovative projects that require a blend of technical expertise and creative thinking.



EDUCATION

Gujarat Technological University

2016 - 2021

Bachelor of Engineering in Information Technology

GPA: 7.9 / 10.0



WORK EXPERIENCE

Data Scientist

NOV 2024 - PRESENT

Fitshield- Surat, Gujarat

- Trained and evaluated machine learning models for classification, regression, and clustering tasks.
- Worked with vector databases to efficiently store and retrieve high-dimensional data for AI applications.
- Implemented semantic search techniques using embeddings to enhance search relevance and contextual understanding.
- Developed and maintained web scraping pipelines to extract structured and unstructured data from various sources.
- Cleaned, processed, and transformed raw data to improve data quality, ensuring accurate and meaningful insights.
- Conducted exploratory data analysis (EDA) to uncover patterns, correlations, and trends.
- Utilized Python libraries such as Pandas, NumPy, Scikit-learn, and BeautifulSoup/Scrapy for data processing and modeling.

Android App Developer

FEB 2022 - DEC 2023

Kmphitech LLP - Surat, Gujarat

- Developed and maintained Android apps in Java and Kotlin, ensuring successful releases on Google Play Store.
- Collaborated with cross-functional teams for seamless integration of front-end and back-end components.
- Implemented new features and enhancements to improve user engagement and performance.

Android App Developer

JUL 2021 - JAN 2022

Inborn Studio - Surat, Gujarat

- Assisted in developing Android applications using Java and Kotlin.
- Maintained and improved existing applications, troubleshooting and optimizing as needed.
- Adapted to project requirements, utilized version control systems, and demonstrated commitment to learning and growth.



SKILLS

Programming Languages

- Python
- Java
- SQL
- Kotlin
- C/C++

Machine Learning & Deep Learning

- Mathematics
- Algorithms
- NumPy
- Pandas
- TensorFlow
- PyTorch
- Scikit-learn
- OpenCV
- Keras
- Matplotlib
- Seaborn
- SciPy

Tools

- Tableau
- AWS
- Kubernetes
- Git
- Apache Hadoop
- Apache Spark
- Kafka
- Docker
- MongoDB

Android Development

- Android SDK
- Firebase
- Version Control
- APIs
- APIs
- Room(SQLite)
- jetpack compose
- XML
- MVVM
- Coroutines & Flow



PROJECTS

Github : <https://github.com/RohanTalaviya10?tab=repositories>

Kaggle : <https://www.kaggle.com/work/code>