Ibrahim Muhammad Khan

✉ ibrahimhounmai@gmail.com   📞 +92-3157235421   in LinkedIn   ⌗ GitHub   Ⓜ Medium

Personal Summary

Software Engineering student specializing in AI, machine learning, and data-driven solutions. Experienced in Python automation, NLP applications, and full-stack prototyping with a focus on efficient, privacy-conscious tools.

🎓 Education

National University of Computer and Emerging Sciences, Pakistan   *July 2022 – Present*
Bachelors in Software Engineering

</> Technical Skills

Machine Learning & AI: Large language models, LangChain, HuggingFace, Whisper
Data Science & Analysis: Python (Pandas, NumPy), Data Cleaning, EDA
NLP & Text Mining: TF-IDF, PMI, Custom Pipelines
Cloud Platforms: AWS basics, Cloud Deployment
Programming: Python, Java, JavaScript
Web Scraping: BeautifulSoup, Selenium
Web Development: HTML, CSS, JavaScript, React.js basics
Databases: Oracle, MySQL, MongoDB
Tools & Platforms: GitHub, VS Code, Jupyter Notebook

💼 Experience

Co-Founder - Big Bros Marketing Agency
- Co-founded and led a marketing agency specializing in real estate and project marketing.
- Managed client relations, strategic marketing campaigns, and sales operations.

    Marketing and Sales Head - Nobles Enclave & Model City Executive Block
- Directed marketing initiatives and sales strategies for two major housing projects.
- Achieved significant lead generation and enhanced brand visibility through customized campaigns.

⌗ Selected Projects

- **LinkedIn Post Generator:** Offline post generator using a large language model and LangChain, built for privacy.
  github.com/Ibrahimrai/LinkedIn-Post-Generator
- **Medical Chatbot:** Open-source chatbot using a large language model optimized for CPU machines.
  github.com/Ibrahimrai/Medical-Chatbot-on-CPU-Machine
- **EduConnect Pakistan – Tutoring Platform:** Full-stack platform for student-tutor matchmaking, bookings, reviews, and dashboards using Node.js (Express), React, MongoDB, and JWT authentication.
  github.com/Ibrahimrai/EduConnect-Pakistan
- **SkillSwap Platform – Freelance Marketplace:** Built a MERN-based freelance marketplace with role-based dashboards (client, freelancer, admin), project bidding, contract management, and notifications.
  github.com/Ibrahimrai/SkillSwap-MERN-Platform
- **Academic Data & EDA Tools:** Developed automation pipelines for data cleaning, EDA, and academic metadata scraping (Python/Java).
  github.com/Ibrahimrai/Data-Cleaning-and-EDA, github.com/Ibrahimrai/web-scrapping-using-python

💡 Areas of Interest

Machine Learning and AI, Web Scraping and Automation, Data Science and Analytics, Natural Language Processing, Full-stack Development (React, Node basics)