LAIBA NAZ

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Trainee Software Engineer

A dedicated and curious BSc Computer Science student with a strong interest in machine learning, data science, and exploring the intersections of technology and real-world applications. Motivated by a desire to understand and contribute to the evolving tech landscape, constantly seeking opportunities to expand my knowledge through hands-on projects, research, and continuous learning. Enthusiastic about leveraging data-driven solutions to solve complex problems and eager to explore cutting-edge advancements in artificial intelligence and analytics.

EXPERIENCE

QA Engineer for HR Software and System Analyst   Faisalabad, Pakistan
Décor-inn   *June, 2021 – October, 2024*

- Conducting manual and automated testing of HR software to ensure quality and functionality.
- Developing, executing, and maintaining comprehensive test cases and scripts.
- Performing regression, functional, and performance testing to ensure a seamless user experience.
- Collaborating closely with the development team to resolve defects and ensure timely releases.
- Analyzing and documenting system requirements for HR-related software.
- Conducting feasibility studies and proposing enhancements to improve software efficiency.

Trainee Mobile App Developer   Faisalabad, Pakistan
Extreme Commerce   *June, 2024 – August, 2024*

- Developed mobile applications using **Kotlin**, gaining hands-on experience in Android app development.
- Completed a comprehensive **Kotlin development course**, covering foundational to advanced topics.
- Designed and implemented multiple mobile app projects, showcasing skills in UI/UX design, API integration, and performance optimization.
- Gained expertise in using Android Studio, debugging tools, and modern app development best practices.
- Demonstrated problem-solving abilities by addressing real-world challenges in app functionality and design.

EDUCATION

RIPHAH INTERNATIONAL UNNIVERSITY   Faisalabad, Pakistan
Bachelor of Science in Computer Science   *2021 - 2025*

GOVT. ASSOCIATE COLLEGE FOR WOMEN   Faisalabad, Pakistan
FSC - PRE-MEDICAL GROUP   *2019 - 2021*

LANGUAGES

- English
- Urdu

UNIVERSITY FINAL YEAR PROJECT

PROJECT TITLE: **Vision-Aid Empowering blind navigation**

Technologies Used: Java, Python (Machine Learning), TensorFlow, OpenCV, Android Studio.

Description: Developed an innovative mobile application to assist visually impaired individuals with indoor navigation.

App features:

Voice Command Interface: Enables hands-free operation for users to open and navigate the app.

Torch Activation: Automatically or manually adjusts lighting based on environmental conditions for better visibility.

Object Detection: Integrates a Python-trained machine learning model to identify and announce obstacles in real-time

SKILLS

- Great at Problem Solving
- Digital Marketing
- Visual Studio Code
- Microsoft Office
- Ability to Quickly Create and Apply Ideas and Solutions
- Good Leadership Skills
- Attentive Listening and Effective Oral Communication Skills

Programming Languages: HTML, CSS, C++, OOP, PYTHON, JAVASCRIPT, Kotlin

IDEs: Visual Studio Code, Android Studio, Jupyter Notebook.

HOBBIES

- Nature Photography
- Book Reading
- Travelling

EXTRACURRICULAR ACTIVITIES

Certificates

- CCNA- Cisco Packet Tracer (Networking Essentials)
- LERIFY QUEST – VIRTUAL ASSISTANT IN AMAZON WHOLESALE.
- NAVTTC- MOBILE APP DEVELOPMENT PROGRAM