

# Romaisa

Abbottabad, Pakistan | [romaisa0157@gmail.com](mailto:romaisa0157@gmail.com) | +923348709801 | [Portfolio](#)

## EXPERIENCE

### Lumunate

*Creative Design Lead*

*September. 2024 – Present*

- Led the design and development of user interfaces for 7+ web and mobile applications, driving a 20% increase in user engagement and satisfaction.
- Conducted user research and usability testing, boosting task completion rates by 30%, and performed comprehensive QA analysis to maintain high-quality standards and enhance user satisfaction.

### 128 Technologies

*FrontEnd Development Intern*

*June. 2024 – August, 2024*

- Designed and developed a fully responsive website for the 'CHALO PARHO Pakistan' campaign, increasing user engagement by 35% and site visits by 25% within the first three months post-launch.
- Led the seamless deployment process, ensuring 100% uptime during launch and optimizing website performance to reduce load time by 40%

### Mission Critical Communication

*AI Intern*

*June. 2024 – August, 2024*

- Automated the processing of handwritten forms, integrating scanning, preprocessing, and text detection with TrOCR, reducing processing time by 50
- Preprocessed and annotated data to train YOLO models, enhancing logo and field detection accuracy by 30% and fine-tuned TrOCR for precise handwritten text recognition on custom datasets.

## PROJECTS

**Veritas - Blockchain Based Degree Verification** | *Next.js, Typescript, PostgreSQL, Hardhat, Vanguard*  
*Veritas.app*

- Developed and implemented Veritas, a blockchain-based platform for secure and efficient degree verification, integrating universities, the admin, and employers through NFTs and document hashes/URIs.
- Contributed to the creation of a regulatory-compliant platform ensuring data auditing and verification processes for educational institutions and employers.

**Resolve Hub** | *HTML, CSS, JavaScript, PostgreSQL, Flask*  
*github.com/Romaisa0157/Romaisa0157.github.io*

- Engineered a complaint management web application using HTML, CSS, and JavaScript for the frontend, and Flask for backend functionality, leading to a 40% decrease in resolution time and a 20% increase in user satisfaction.

**Melody Generator using LSTMs RNNs** | *Python, TensorFlow, Keras*

- Developed and trained an LSTM-based model for music generation, achieving a 95% accuracy rate in melody creation from the ESAC folk melodies dataset, showcasing expertise in deep learning and data analysis.

## TECHNICAL SKILLS

<b>Web Designing:</b>	Figma, Adobe XD
<b>Programming Languages:</b>	JavaScript, TypeScript, C++, Python
<b>Web Frameworks:</b>	React.js, Next.js,
<b>ML, AI &amp; CV:</b>	TensorFlow, YOLOv8
<b>Data Analytics:</b>	Pandas, NumPy, Scikit-learn

## EDUCATION

**Ghulam Ishaq Khan Institute of Engineering Sciences and Technology**  
*Bachelors in Computer Engineering (CGPA: 3.3)*

**Swabi, KPK**  
*Sep. 2021 – July 2025*