

Ali Raza

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Professional Summary

Dedicated Computer Science graduate confident in software development and analytics, and customer facing data driven strategies. Confident in troubleshooting issues, code review, solving real world problems, and delivering user friendly results. Confident at collaborating with diverse teams, including designers, to implement new technologies and strategies that align with industry trends. Possesses a focused approach to testing and enhancing websites, applying JavaScript frameworks such as React.js for optimal user interface development.

Education

- **Namal University Mianwali**
B.S. Computer Science

Mianwali, Pakistan
Nov 2021 - June 2025

Skills

- **Programming Languages:** Javascript, HTML, CSS
- **Libraries:** Tkinter, React, Tailwind CSS, Bootstrap
- **Frameworks:** Scikit-learn, React Native, Express.js
- **Databases:** MySQL, MongoDB, Firebase
- **Tools and Technologies:** Git, GitHub, Jupyter Notebook, Figma, Postman

Projects

Farmer to Farmer Knowledge Sharing App (FARKNOW) – FYP | [GitHub](#)

- Developed a mobile application using React Native and Firebase, connecting 100+ farmers leveraging API integration for seamless data exchange.
- Implemented bilingual support (English/Urdu), improving usability for 80% of rural users and enhancing user behavior insights, showcasing my communication skills through assisting users in navigating the application.
- Integrated an AI powered chatbot that is bilingual and can manage 1,000+ monthly queries and streamline user support.
- Developed strong skills in REST API integration, ensuring smooth data management and authentication processes, emphasizing my detailed oriented approach to maintenance and reliability.

Book Hive – MERN Stack | [GitHub](#)

- Designed and built a web-based book sharing platform to promote literacy and streamline local donations using Node.js and Postgres, displaying my analytical skills in problem solving and teamwork for frontend developments.
- Enabled users to browse, donate, and request books based on location and category, creating a structured portfolio of available titles, emphasizing my passion for end-user experience as part of product management and UX/UI design.
- Applied responsive design principles with Bootstrap to improve cross-browser compatibility for diverse user groups and enhance overall user satisfaction through a consistent interface.

Earthquake Data Analysis - Python, Seaborn, NumPy, Scikit-learn | [GitHub](#)

- Analyzed 2023 global earthquake data using clustering to identify high risk zones and predictive insights, merging data pipelines for improved analysis and system optimization, while documenting the version control process. Motivate a team towards accurate reporting and results while assuming responsibility for the overall project success.

Urdu OCR – Python, PyTorch | [GitHub](#)

- Achieved enhanced recognition accuracy for regional languages, demonstrating the magic of machine learning applications, the momentum of innovative solutions with respect to emerging trends in Web Technology and Web 3.0, and maintaining an active technical skillset in Webpack.