Rubab Ahmad

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EDUCATION

COMSATS UNIVERSITY ISLAMABAD (CUI)   **Islamabad**
Bachelor in Data Science *CGPA: 3.83/4.0*   2022 - 2026
Relevant Coursework: Data Analytics, Data Warehousing, Business Intelligence, Machine Learning,
LLMs and Web Technologies

WORK EXPERIENCE

Kalsoft   **Ontario Canada**
Software Developer   August 2024 - Present

- Designed and developed the complete, responsive UI of the XPrecon website using Angular, ensuring a smooth and consistent user experience across devices.
- Optimized application performance by implementing cache management and lazy loading for images and modules, significantly improving load times and efficiency.
- Researched and contributed to the implementation of Agentic AI, supporting the integration of intelligent and automated features into the platform.

TECHNICAL SKILLS

Languages:	Python (Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn), R, JavaScript, Java, Python, C#, Typescript
Front-End Technologies:	Angular, React.js, Bootstrap, Material UI, Tailwind, HTML, CSS
Back-End Technologies:	Fast API
Databases:	MongoDB, PostgresSQL, MySQL, DynamoDB
Business Intelligence Tools:	Power BI, Tableau
Data Engineering:	Dimensional Modelling, Data Warehousing, ETL Pipelines

PROJECTS

LegalHub.AI | Your Legal Guide
- Developed an AI-powered legal chatbot, lawyer recommendation system, and legal document drafting module, enabling intelligent legal assistance and automated document generation.
- Implemented real-time consultation features using WebSockets, enabling seamless and secure communication between users and legal professionals.
- Integrated OCR-based lawyer bar certificate recognition and NLP-driven query processing to ensure verification, accuracy, and personalized legal guidance.

XPreCon | Your Pre-construction Partner
- Developed and deployed a pre-construction web application using Angular, HTML, CSS, and TypeScript, focusing on UI/UX design, usability, and accessibility.
- Implemented responsive web design, cross-browser compatibility, and mobile-first layouts, ensuring consistent performance across devices.
- Optimized front-end performance using lazy loading, caching strategies, and asset optimization, improving page load speed and overall user experience.

Sleep Hours and Diet intake: A case study of RMU
- Conducted localized data collection to analyze students' food intake and sleeping patterns at RMU.
- Analyzed the relationship between dietary content and sleep duration to identify healthy vs. sleep-deprived patterns.
- Built a predictive model to classify students' sleep status (adequate or deprived) based on dietary intake and sleep hours.

VOLUNTEERING / COMMUNITY

Web Development Associate   February 2024 - June 2024