Rabiya Salehjee

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About Me

I'm a results-oriented software engineer with hands-on experience in full-stack development, AI integration, and cross-platform app deployment. Passionate about building scalable, user-focused solutions and continuously exploring new technologies.

Educational Background

MS in Computer Science (GPA: 90.6/100.00)	Harbin Institute of Technology	2022.09 - 2025.01
BS in Software Engineering (CGPA: 3.84/4.00)	Jinnah University for Women	2018.01 - 2021.12

Skills

- Programming Languages: Python, Java, C, PHP, JavaScript, React, Tailwind
- Database Management: MySQL, MongoDB, PostgreSQL, Elasticsearch
- Specialized Skills: TensorFlow, Scikit-Learn, PyTorch, UniApp, Large Language Models
- Development Tools: Git, Android Studio, WordPress, Xcode, HbuilderX
- Project Management: Jira, Slack, Agile/Scrum
- UI/UX Design: Adobe Illustrator, Adobe XD, Figma
- DevOps & Deployment: AWS/Azure, Heoku/Vercel
- Software/APIs Testing: Selenium, Postman
- OS & Tools: Linux, MATLAB, Docker

Work Experience

- Frontend Developer Intern（2024.11-2025.03）
  - Company： Sencity Corp.
  - Location： Shenzhen, China
    - Assigned tasks in front-end development, Web development, Uniapp debugging, and testing.
    - Utilized HBuilderX, Xcode and Android Studio tools to publish applications on cross-platforms.
    - Handled web deployment on servers, managed SSL certificates, and maintained backend logs for performance monitoring and troubleshooting.

- Student Research Assistant（2023.06-2024.04）
  - Client：Professor Dr Salahuddin at Jinnah University for Women
  - Location：Karachi, Pakistan
    - Assisted the professor with research paper tasks, including setting up website, developing models using Python, conducting experiments, comparing results, and cross-checking data. Used HTML, JS to optimize web functionality, and employed Selenium for automated testing. Used LaTeX for document formatting ensuring accurate data presentation.

Project

HALO: A Human-and-LLM-in-the-Loop Data Cleaning System (MS Thesis)

Github : https://github.com/rabiyasalehjee/Graduation-Project

- Developed a data cleaning system integrating human and LLM interaction, to address common data quality issues.
- Utilized Python and JavaScript to build the system, leveraging LLM, RAG, KG, and human cognitive load theory for efficient data cleaning.
- LLM generated contextually relevant questions, with NLP used to extract entities for KG construction and RAG for accurate Q&A.
- Clustering algorithm was applied to optimize question management, reducing human intervention and enhancing user engagement.

Fluencio: Public Speaking Enhancement App (BS Project)

Github : https://github.com/rabiyasalehjee/Fluencio-App

- Built a mobile app with Java and Android Studio for real-time speech analysis.
- Integrated MySQL for backend storage and speech recognition Python API to assess pace, pitch, and filler words.

Languages

- English (Fluent)
- Chinese (Basic)
- Urdu/Hindi(Native)

Competitions/Awards

- Chinese Government Scholarship
  Fully-Funded Master's Degree   [2022.09-2025.01]
- Merit-Based Full Semester Scholarship
  Bachelor's Degree 3rd Year   [2020.04]
- Best BS Project Award
  Presented by: Pakistan Center for IoT   [2022.02]
- Women in Computing - Java Q&A Winner
  Presented by: Jinnah University for Women   [2019.06]