

Rabiya Salehjee

Nationality: Pakistan



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Date of Birth: 1999-03



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About Me

I'm a dedicated computer science student who has mastered both backend and frontend development through hands-on learning and successfully applied full-stack skills to a variety of projects. Passionate about building functional and user-friendly web applications, I enjoy solving complex problems and continuously exploring new technologies to enhance my skills.

Educational Background

MS in Computer Science Harbin Institute of Technology 2022.09 - Current
(GPA: 90.6/100.00)

BS in Software Engineering Jinnah University for Women 2018.01 - 2021.12
(CGPA: 3.84/4.00)

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-Present)

- Company: Sencity Corp.
- Country: China
 - Assigned tasks in front-end development, Uniapp debugging, and testing.
 - Utilized HBuilderX, Xcode tools to publish applications on cross-platforms including Android, iOS, and WeChat Mini Programs.

- Student Research Assistant (2023.06-2024.04)
 - Client: Professor Dr Salahuddin at Jinnah University for Women
 - Country: 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-Current]
- 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]