

# FATHIMA RAIHAAN IHSAN

## UNDERGRADUATE SCHOLAR - SOFTWARE ENGINEERING

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### SUMMARY

A driven Software Engineering undergraduate with a background in web development and a growing interest in research within Data Science and AI. Eager to engage in meaningful research projects, collaborate in a team-oriented setting, and promote continuous learning.

### TECHNICAL SKILLS

SQL	Python	R
Web Scraping (Beautiful Soup)	React Native	Tableau

### WORK EXPERIENCE

<b>Idenfo</b>	<b>Nov 2024- Jan 2025</b>
<b>AI/IDV Data collection</b>	
• Collected data for a project aimed at advancing AI capabilities in ID verification.	
<b>Intern - Web Development</b>	<b>May 2024- Aug 2024</b>
<b>Gao Tek Inc</b>	
• Worked on tasks relevant to WordPress such as WooCommerce, Contact Forms	
<b>Intern - Web and Mobile Application Development</b>	<b>Mar 2024- Sept 2024</b>
<b>NCAI -NEDUET</b>	
• Developed a full-stack mobile application for Complaint submission utilizing React Native, Expo, and Firebase	
• Contributed to the Advanced Driver Monitoring System project, focusing on real time imageprocessing	
• Contributed to the responsiveness of Crop2x Smart Agriculture project, ensuring seamless user interactions across various devices.	

### EDUCATION

<b>Bachelor of Engineering, Software Engineering</b>	<b>2022 - 2026</b>
NED University of Engineering and Technology, Pakistan	

Currently holding GPA - 3.582

### PROJECTS

- HR CV Screening Chatbot using LangChain, Qdrant database - Currently working
- Water Leakage Detection system using DCGAN and CNN - Currently working
- Brain Tumor Detection and Classification using MRI Scans
- Full Stack E-commerce Recipe Website, along with a chatbot integrating Gemini API
- Webscraping to collect doctor information from OlaDoc and Marham, with data analysis and visualization
- Full Stack E-commerce Web Application, with a comprehensive Admin Dashboard, using PHP and MySQL database
- Full Stack Online Donation Web Application, using PHP and MySQL database

### RESEARCH WORK

- Working on a systematic literature review on Software Requirements Prioritization

### CERTIFICATIONS

- Google Prompting Essentials Specialization - [Coursera](#)
- Aspire Leaders Program - Aspire Institute, Harvard
- Data Science Specialization - Google