ALINA **KAYANI**

BS Software Engineer

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SUMMARY

Dedicated and enthusiastic software engineering student with a passion for developing innovative solutions to complex problems. Currently pursuing a Bachelor of Science in Software Engineering with a solid foundation in programming languages such as python, and Kotlin .Proactive and eager to learn, I thrive in dynamic environments where I can apply my technical skills to drive impactful outcomes. Seeking opportunities to contribute my expertise and continue learning in a professional software engineering role."

EDUCATION

Arid Agriculture university
Bachelor's Degree in Software Engineering
2022-26
GPA: 3.8 / 4.00

Relevant Coursework:

- Data Structures & Algorithms
- Machine Learning
- Artificial Intelligence
- Software Engineering

SKILLS

- Programming Languages: C#, C++, HTML/CSS, SQL, Kotlin, python
- Object-Oriented Design and Development
- Data Structures and Algorithms
- Database Management Systems: MySQL
- Communication Skills: Written and verbal communication, technical documentation
- Project Management: Planning, prioritization, time management
- Research Skills: Ability to conduct research to explore and understand new technologies.
- Android Developer

CERTIFICATIONS

- Frontend Development (HTML,JAVASCRIPT and CSS)
- Backend Development(PHP)
- Coding Competition
- Kotlin

EXPERIENCE

Projects

HR Management System

- Developed and implemented a comprehensive HR management system using MySQL as the database management system (DBMS). The project aimed to streamline HR processes, including employee data management, recruitment, and performance evaluations, by centralizing data storage and automating key tasks.

Food Ordering Website

- Developed a website for ordering various foods and beverages from local restaurants and hotels. Included both admin (manager) and user sides for efficient management and user experience.

Bazm-e-Raah – Smart Mobility Solution for Visually Impaired
Hardware:

- Designed a smart walking stick integrating ultrasonic sensors, microcontroller, and vibration feedback for real-time obstacle detection.
- Implemented object recognition using computer vision and Android app integration for voice-guided navigation.
- Focused on assistive technology and human-centered AI solutions.

App:

- Bazm-e-Raah App is an intelligent assistive application designed to support visually impaired users through voice-based guidance and real-time obstacle detection.

Training Experience: Software House Internship

Duration | 12 weeks | CodeGenio

- Worked on designing and developing mobile applications using modern technologies, focusing on clean code and user-friendly interfaces.
- Implemented key features, performed bug fixes, and collaborated with the team to deliver scalable and efficient app solutions.
- Gained hands-on experience in app development, testing, and deployment processes within a professional software environment.