

KHUZAIMA SAJID

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SUMMARY

Computer Science undergraduate at International Islamic University Islamabad with interest in Software Engineering, Artificial Intelligence, and data-driven systems. Passionate about building intelligent applications, software development, and problem-solving. Familiar with Java, C++, Python, SQL, Object-Oriented Programming, UML, and Software Testing through academic coursework and hands-on projects. Actively involved in academic, community projects, with growing interest in AI automation, intelligent systems, and practical software solutions.

EXPERIENCE

Software Development Intern | DevelopersHub Corporation

May 2026 – Present

- Developed a full-stack Task Management System using Node.js, Express.js, React.js, and MongoDB, implementing REST APIs and CRUD operations.
- Enhanced application functionality with authentication, search/filtering, progress tracking, testing, and Git/GitHub version control, achieving a project evaluation score of 99/100

EduAI Fellowship | EduAI Initiative

May 2026 - Present

- Participating in structured learning activities focused on software development and AI-related concepts.
- Engaging in collaborative tasks to improve programming, problem-solving, and technical understanding.

Volunteer – Prompt Engineering Competition Program | ETL Online

August 2025 – December 2025

- Tested the community-led project to evaluate its functionality, performance across different modules. Identified and reported bugs, verified fixes, and contributed to improving the platform's stability
- Gained practical experience in software testing, collaborative coordination, and detailed project documentation within a professional environment.

Media Head | International Islamic University Islamabad (IIUI)

2025 – Present

- Managed social media, digital content, and event promotions. Led media and branding activities to increase engagement and outreach.
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INDUSTRY PROJECTS

All Pakistan Prompt Engineering Competition ETL Online

- Conducted manual testing to ensure functionality, usability, and consistency across platform modules.
 - Documented bugs, verified fixes, and collaborated with developers to improve performance and user interaction quality.
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ACADEMIC PROJECTS

AgriConnect Pakistan – Hypothetical Web Platform

Dec 2025 | Database & Design Concepts

- Designed a hypothetical web-based platform “AgriConnect Pakistan” to connect farmers with buyers and agricultural resources.
- Applied database design concepts to structure and manage agricultural data including users, crops, and market listings.
- Implemented data analysis and system design principles to optimize information flow between stakeholder

Tourist Travel Route Optimizer – Graph Theory Project

May 2025 – Jun 2025 | Graph Algorithms (C++)

- Developed a console-based C++ application to optimize travel routes across Northern Pakistan using graph theory concepts.
- Implemented multiple graph algorithms to handle route selection based on cost, time, budget constraints, and user preferences..

Digital Detective – The Mystery Game

June 2025 | Data Structures & Algorithms

- Applied data structures (arrays, stack, linked list, queue, BST) to build a console-based detective game.
- Designed efficient game flow for riddle solving, suspect interrogation, and score tracking.

Focus Master – Cross-Platform Productivity App

Dec 2024 | Introduction to Software Engineering

- Applied software engineering methods to design a cross-platform focus app.
- Produced SRS, UML diagrams, and Agile-based documentation for scheduling, chatbot, and progress tracking features.

EDUCATION

BS Computer Science | International Islamic University, Islamabad

Sep 2023 – Present | Expected Graduation: 2027

- Societies & Communities: Artificial Intelligence Community Pakistan (AICP), GDGoC IIUI
- CGPA: 3.7/4.00

SKILLS

- Programming: C++, C, Java, HTML, CSS, JavaScript
- Software Development: SDLC, Agile Methodologies, UML, Documentation, Testing
- Data & Optimization: Data Structures, Algorithms, Graphs
- AI :Prompt Generation, Claude AI, Notion AI, n8n (Workflow Automation), AI Workshop Exposure
- Core Strengths: Problem-solving, Analytical Thinking, Adaptability