

Kashaf Kayani

Adress: New City phase 2, Wah Cantt

Mail: kashafkayani97@gmail.com

PH # No : +92 3139479738

OBJECTIVES

Recent Software Engineering graduate with a strong foundation in software development, web technologies, and programming. Eager to apply technical skills, learn emerging technologies, and contribute to innovative software solutions.

EDUCATION

BS-Software Engineering | International Islamic University

2022-2026

- Studied core software engineering concepts, including software development, database systems, object-oriented programming, and software testing.
- Completed academic projects using technologies such as Java, Python, HTML, CSS, JavaScript, SQL, and Spring Boot.

HSSC |The Scholars Science College

2020 - 2022

- Completed Higher Secondary School Certificate (HSSC) in Pre-Engineering from The Scholars Science College.
- Focused on subjects including Mathematics, Physics, and Chemistry to build a strong technical foundation.

SSC |Khyber Public School and College

2019 - 2020

- Completed the Secondary School Certificate (SSC) from Khyber Public School and College with a focus on Science (Medical). Developed a strong academic foundation in Biology, Chemistry, Physics, and Mathematics, strengthening analytical, scientific, and problem-solving skills.

SKILLS

- | | |
|---------------------------------|-------------------------|
| • Software Engineering | • C++/OPP |
| • Python Programming | • PHP |
| • IT Support & Troubleshooting | • Bootstrap |
| • Data Analysis & Visualization | • UML/SRS Documentation |

CERTIFICATIONS

Certification | Front-end Developer

- Certified in front-end web development with hands-on experience in building responsive and user-friendly websites using HTML, CSS, JavaScript, and Bootstrap.
- Skilled in creating modern, visually appealing web interfaces while following best practices for performance and usability.

Certification | Google Project Management

- Completed professional training in project management, covering project planning, scheduling, risk management, budgeting, and stakeholder communication.
- Gained practical knowledge of Agile and Scrum methodologies, project lifecycle management, and effective team collaboration to deliver successful projects.

PROJECTS

AI Sales Failure Analyzer (Website using Predictive AI, Generative AI & XAI)

- Developed a web-based sales analytics platform that leverages Predictive AI, Generative AI, and Explainable AI (XAI) to identify sales failure patterns and provide actionable business insights.
- Implemented predictive models, AI-generated recommendations, and explainable decision reports through an interactive dashboard, enabling users to make informed, data-driven sales strategies.

Smart Nutrition Analyzer (Mobile App)

- Developed a mobile application that analyzes food items and provides personalized nutritional information and dietary recommendations based on user input.
- Implemented features for calorie tracking, nutrient analysis, meal planning, and a user-friendly interface to promote healthier eating habits.

PAF SkyVault (Web-Based Educational Platform for Pakistan Air Force Aircraft)

- Developed a web-based educational platform showcasing aircraft operated by the Pakistan Air Force (PAF), providing detailed information on aircraft specifications, history, roles, and capabilities.
- Designed an interactive and user-friendly interface with organized content, search functionality, and responsive design to enhance learning and improve accessibility for users.

IIUI-Shell (Operating System Shell)

- Developed a custom command-line shell as part of an Operating Systems project, implementing core functionalities such as command execution, process management, file handling, and input/output redirection.
- Applied operating system concepts including process creation, inter-process communication, and system calls to build an efficient and user-friendly shell environment.

Lung Cancer Prediction (Machine Learning)

- Developed a machine learning-based application to predict the likelihood of lung cancer using patient health data and classification algorithms.
- Performed data preprocessing, feature selection, model training, and performance evaluation to improve prediction accuracy and support data-driven healthcare analysis.

Incident Handler Journal (Cybersecurity)

- Developed and maintained an Incident Handler Journal to document, track, and analyze cybersecurity incidents throughout the incident response lifecycle.
- Applied cybersecurity best practices for incident identification, investigation, containment, recovery, and reporting while maintaining accurate documentation and evidence records.

Recipe Heaven (Web Application)

- Developed a responsive web application that enables users to browse, search, and explore a wide variety of recipes with detailed ingredients and step-by-step cooking instructions.
- Implemented features such as recipe categorization, search and filtering, user-friendly navigation, and a responsive interface to enhance the overall user experience.

Freelancer Platform Development (Business Process Engineering)

- Designed and developed a freelancer platform as part of a Business Process Engineering project, enabling clients to post projects and freelancers to showcase skills, submit proposals, and manage work efficiently.

Network Monitoring & Analysis

- Designed and implemented a network monitoring and analysis solution to observe network traffic, identify performance issues, and detect potential security threats.

Vision & Scope Document

- Prepared a comprehensive Vision & Scope Document by defining project objectives, functional requirements, stakeholder expectations, deliverables, and project constraints.

Software Requirements Specification (SRS) Document

- Developed comprehensive Software Requirements Specification (SRS) documents by gathering and documenting functional and non-functional requirements, use cases, system workflows, and business rules.

Library Management System

- Developed a Library Management System to automate library operations, including book cataloging, member registration, book issuance and returns, and fine management.
- Designed a user-friendly interface with efficient search, record management, and reporting features to improve library administration and resource tracking.

Bank Management System

- Developed a Bank Management System to manage customer accounts, transactions, deposits, withdrawals, fund transfers, and account information efficiently.

Inventory Management System

- Developed an Inventory Management System to efficiently manage product inventory, stock levels, suppliers, purchases, and sales records.

Student Management System

- Developed a Student Management System to manage student records, course enrollment, attendance, academic performance, and administrative information.
- Implemented features for student registration, record management, result tracking, and report generation to streamline academic and administrative processes.

WORK EXPERIENCE

Software Engineering Intern

SolixSoft Software House | 3-Month Internship

- Assisted in the design, development, testing, and maintenance of web applications while collaborating with senior developers on real-world software projects.
- Gained hands-on experience with software development, debugging, database management, version control, and responsive web technologies.
- Participated in team meetings, requirement analysis, code reviews, and project documentation while following software engineering best practices and Agile development methodologies.

DocEase – OPD Management System for HITEC Hospital

- Developed a comprehensive web-based OPD Management System for HITEC Hospital to automate outpatient services, including patient registration, appointment scheduling, doctor management, and electronic medical record maintenance.
- Designed and implemented secure modules for patient records, doctor availability, appointment booking, billing, and administrative dashboards to improve operational efficiency and reduce manual paperwork.
- Integrated a robust database for secure storage and retrieval of patient information, appointment history, and doctor schedules with efficient CRUD operations and data validation.
- Built a responsive and user-friendly interface to ensure seamless interaction for hospital staff, doctors, and patients while enhancing the overall healthcare service experience.
- Participated in the complete software development lifecycle, including requirements analysis, system design, development, testing, debugging, deployment, and documentation, following software engineering best practices.

Supporting documents, certifications, and project details are available upon request.