Muhammad Sarim

Software Engineer

PERSONAL DETAILS

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DOB: 04/01/2004

Marital Status: Single

Nationality: Pakistani

CORE SUBJECTS

OOP, DSA

SRE, SDA, SQA

Web Engineering

HCI, Software Testing

Formal Methods

Software Development

TECH SKILLS

Python, C++, C#, Java

SQL, JavaScript

HTML, CSS3, Haskell

React.js, Node.js

Tailwind CSS, XAMPP

Scikit-learn, Streamlit

Jupyter Notebook, Oracle

Pandas, NumPy, Vercel

Git, Selenium, OpenCV

VS Code, Eclipse

Jira, Confluence, Figma

PERSONAL SKILLS

Communication

High-performance

Delegation

Decision-making

Ownership

Teamwork

CAREER OBJECTIVE

A motivated Software Engineering student with hands-on experience in AI, Data Science, Machine Learning, Cloud Computing, and Full-Stack Web Development.

EXPERIENCE

Data Science Intern – CodeAlpha (Remote)   March 2025 – June 2025
- Developed a machine learning model for Titanic survival prediction and created an interactive dashboard using Streamlit to present insights.

Software Engineering Intern – Intagleo Systems (Onsite)   June 2025 – July 2025
- Developed scalable RESTful APIs and managed data flow across the stack.
- Implemented DevOps workflows with CI/CD pipelines and containerization using Podman.

Cloud Trainee Intern – VAPORVM (Onsite)   July 2025 – August 2025
- Deployed and managed cloud infrastructure using Microsoft Azure.
- Set up LAMP stack servers and implemented Azure DevOps pipelines.

PROJECTS & ACHIEVEMENTS

Aurora Voyages – Full-Stack Travel Booking Platform
- Built a complete travel agency system using React, Node.js, Express.js, and MongoDB. Designed a responsive UI with Tailwind CSS and deployed the application via Vercel.

Deepfake Detection ML App
- Developed a web-based machine learning application to detect deepfakes using Python, OpenCV, and Streamlit.

Smart Trash Routing System
- Engineered an IoT-powered waste management system in Python to optimize collection routes.

Multiplayer Chess Socket Game
- Developed a real-time multiplayer chess game using JavaScript and Socket.io, with focus on gameplay logic and seamless two-player interaction.

Multilingual Dictionary (Desktop App)
- Created a desktop dictionary using Java, Swing, and XAMPP, supporting multiple languages and offline access. Incorporated unit testing using JUnit.

Ecommerce Desktop Store
- Designed a retail application using C# with Windows Forms and Oracle for backend management, enabling product inventory and billing functions.

PROFESSIONAL TRAINING & CERTIFICATION
- Completed a comprehensive AI & Machine Learning, Data Science Bootcamp.
- Gained expertise in Deep Learning and AI using TensorFlow 2.
- Developed strong foundations in Functional Programming through Haskell.
- Built hands-on experience with modern tools and frameworks in AI & Data Science.

ACADEMIC QUALIFICATIONS

BS Software Engineering

National University of Computer & Emerging Sciences – FAST   2022 – 2026

REFERENCES – Available on request.