

SAMEER SETHAR

AI/ML Enthusiast • Java Developer • Full-Stack Developer

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[LinkedIn](#) • [Portfolio](#) • [GitHub](#)

SUMMARY

Computer Science student at Sukkur IBA University (CGPA: 3.3/4.0) with strong foundations in software engineering, object-oriented programming, and database systems. Experienced in developing desktop applications, CLI-based systems, machine learning projects, and AI-powered tools using Java, Python, C++, MySQL, MongoDB, and JavaScript. Passionate about building real-world software solutions and actively seeking Software Engineering and Web Development internship opportunities.

EDUCATION

Bachelor of Science in Computer Science

Aug 2024 – Present

Sukkur IBA University

Sukkur, Sindh

- **CGPA: 3.3 / 4.0** • 1st Year, 2nd Semester Completed
- **Relevant Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Database Systems, Artificial Intelligence, Software Engineering
- **Activities:** Computer Science Society | Hackathons 2024 & 2025 | Technical Events | SIBAthlon Organizing Team

PROJECTS

E-Commerce Store — *Java Swing* • *MySQL*

- Architected a desktop e-commerce platform with product management, cart functionality, and relational database integration using foreign keys and SQL JOINS
- Designed interactive GUI interfaces and implemented real-time product and customer operations with full CRUD support

Mobile Store Management System — *Java Swing* • *DSA*

- Built inventory management system applying data structures and algorithms for efficient product search and organization
- Strengthened skills in GUI development, algorithmic problem-solving, and structured inventory data management

Lung Cancer Prediction System — *Python* • *Machine Learning* • *Scikit-Learn*

- Built ML-based predictive system using medical datasets with full pipeline: data preprocessing, feature engineering, model training, and evaluation
- Applied classification algorithms and performance metrics to assess model reliability for a real-world health prediction task

AI Chatbot — *Python* • *Groq API*

- Integrated Groq-hosted LLM for real-time conversational AI with prompt engineering and anti-hallucination handling
- Implemented complete user interaction workflow including API error handling and contextual session continuity

Library Management System — *Python • JSON*

- Created a CLI-based library management system using Python with JSON-based storage for managing books, users, and issue/return operations.
- Implemented modular programming and file-based persistence for efficient record management.

Library Management System — *Python • MongoDB*

- Developed scalable CLI system with MongoDB backend supporting CRUD operations and complex database queries
- Upgraded from a JSON-based prototype to a production-ready database-backed solution with modular architecture

Hotel Management System — *C++ • CLI • OOP*

- Implemented room booking, customer management, billing, and file-based record handling using OOP principles

Personal Portfolio Website — *HTML5 • CSS3 • JavaScript*

- Designed and deployed fully responsive portfolio at sameersethar.me with interactive frontend components

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript

Web Technologies: HTML5, CSS3, JavaScript

AI & ML: Machine Learning, API Integration, Prompt Engineering, Groq API, Scikit-Learn

Databases: MySQL, MongoDB, JSON-based Storage

Core Concepts: Object-Oriented Programming, Data Structures & Algorithms, Problem Solving

Tools & Platforms: Git, GitHub, VS Code, IntelliJ IDEA, PyCharm, Google Colab

CERTIFICATIONS

- Python Certification — PITP Program, Sukkur IBA University
- HTML Certification — Cisco
- Python Certification — Cisco
- Data Science Certification — Cisco

ACHIEVEMENTS & ACTIVITIES

- **Executive Committee Member** — Computer Science Society, Sukkur IBA University (2025 – Present): Organized workshops, programming events, and co-led the SIBathon hackathon organizing team
- **Hackathon Participant** — Hackathon 2024 & 2025, Sukkur IBA University: Engaged in team-based rapid software development, prototyping, and technical innovation

ADDITIONAL

Languages: English (Professional), Urdu (Native), Sindhi (Native)

Availability: Open to Software Engineering & Web Development internships — remote and on-site

- Available immediately