

# Sameer Abid

## Contact

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I am Computer Science undergraduate (7th semester) at Riphah International University with hands-on experience in software development, networking, and problem-solving. Skilled in full-stack web and mobile app development, database design, and secure networking. Strong foundation in OOP, Data Structures & Algorithms, and Computer Networks. Enthusiastic about applying academic knowledge to real-world projects.

## Education

### Bachelor in Computer Science

Riphah International University Islamabad

Sep 2022 - Sep 2026

**CGPA: 3.2**

**Courses:** Object-Oriented Programming (OOP)

- Data Structures & Algorithms (DSA), Database Management Systems (DBMS), Operating Systems
- Computer Network , Artificial Intelligence (AI), Web Development (Full Stack)
- Mobile Application Development (Flutter)

### FSC Pre-Engineering

Punjab Group of Colleges (GRW)

2019–2021

### Matriculation

Oxford Grammar Public High School

2017–2019

## Work Experience

### Remote Part-Time Web Developer

HAFFAF Digital (Oman) | 2024 – Present

Collaborated with cross-functional teams to develop and maintain client-facing web applications using Node.js, Express, and MongoDB.

## Projects

### DoctorZ Web App (MERN Stack)

- Built hospital management system with patient registration, appointments, and prescription tracking.
- Developed backend APIs with Node.js/Express and integrated secure authentication.

### DoctorZ Mobile App (Flutter & Firebase)

- Created a cross-platform health monitoring and doctor-patient communication app.
- Implemented real-time data synchronization using Firebase.

### AI-based Chatbot (University Project)

- Developed a chatbot using Python, NLTK, and spaCy for student FAQs.
- Implemented intent classification and fallback rules for accurate responses.

### Database Management System (DBMS Project)

- Designed SQL-based Library Management System with ERD diagrams and relational schemas.
- Implemented stored procedures and triggers for data integrity.

### **Operating Systems Simulation (University Lab)**

Implemented CPU scheduling algorithms (FCFS, SJF, Round Robin) in C++.

Analyzed efficiency through waiting time and turnaround time metrics.

### **Networking Labs (CCNA & University Projects)**

Configured networks with Cisco Packet Tracer: IP subnetting, VLANs, DHCP, OSPF, and firewall rules.

## **Certification/Short Courses**

- **IBM Full Stack Developer** (Coursera | Ongoing)
- **CCNA: Introduction to Networks (Cisco | 2025)**
- **Network Technician Career Path** (2025)
- **PCAP: Python Essentials** Coursera(2024)
- **JavaScript Essentials 1** Coursera (2025)
- **Linux Essentials Cisco**(2024)

## **Technical Skills**

- **Languages:**
- JavaScript, Python, C++, Java
- **Frontend:**
- React.js, HTML5, CSS3, Flutter, Figma
- **Backend:**
- Node.js, Express, RESTful APIs, Mongoose
- **Databases:**
- MongoDB, SQL, Firebase Firestore
- **Mobile & Cloud:**
- Flutter, Firebase (Auth, Cloud Functions)
- **Networking:**
- CCNA, Network Security, Cisco Configuration
- **Tools:**
- Git, Linux, Postman