

Sibghatullah Asif

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Education

AIR UNIVERSITY

Bachelor of Science, Information Technology (In Progress)

Islamabad, Pakistan
Expected 2027

- Relevant coursework:

Data Structures, Algorithms, Operating Systems, Computer Networks, Database Systems, Software Engineering

Experience

SIBERKOZA INTERNATIONAL, NASTP

Software Engineer and Full-Stack Developer

Rawalpindi, Pakistan
September 2025 – April 2026

- Architected and shipped 5 simultaneous live products- web platform, React Native Android application, Smart Bench website, Weather Kiosk, and admin panel- using component-based React and Vite; reduced page load time by 40% through code splitting, lazy loading, and bundle optimization
- Designed unified Flask and Firebase backend serving web and mobile surfaces via a single RESTful API layer; implemented Redux, React Query, and Firestore real-time listeners across 10+ pages, eliminating stale-render failures under concurrent load
- Executed complete React Native migration from Expo to bare CLI- re-linked 12 native modules, configured Firebase Cloud Messaging push notifications, and produced Play Store-ready Android App Bundle
- Built LangChain and Pinecone RAG pipeline for automated IdeaHub triage and semantic program matching; maintained 3-minute end-to-end CI/CD deploy cycle using Docker and GitHub Actions on Google Cloud Platform
- Facilitated 6 Agile delivery cycles across cross-functional stakeholders- resolved scope conflicts through structured documentation and executed mid-cycle Firebase credential rotation with zero service interruption

DASSOFT NASTP

DevOps Engineer and Intern Project Manager

Rawalpindi, Pakistan
June 2025 – September 2025

- Engineered Docker and Kubernetes CI/CD pipelines for LLM-powered Security Operations Center platform on Azure and Google Cloud Platform, eliminating all manual deployment steps and reducing release time from hours to minutes
- Integrated automated log ingestion and LLM-based threat classification into live SOC workflow; developed React dashboard surfacing real-time alerts and LLM-generated incident summaries for cybersecurity analysts
- Managed 4-person intern team- structured Agile sprints, conducted Git code reviews, assigned weekly deliverables, and provisioned all cloud infrastructure within 3-month timeline
- Coordinated directly with senior engineers to align intern deliverables with product roadmap; maintained clear written status updates and blockers log throughout engagement
- Researched and evaluated containerization strategies; documented deployment architecture and onboarding guides adopted by full engineering team

ZENATIC SERVICES

Software Developer

Islamabad, Pakistan
January 2025 – August 2025

- Delivered 4 client web applications using Flutter, Firebase, Flask RESTful APIs, and WebSocket real-time features; maintained Agile workflows with Git version control and peer code reviews- all 4 projects rated 5 stars
- Built and launched zenaticservices.com- production company website delivered end-to-end on schedule, currently live
- Translated client requirements into technical specifications; managed feedback loops across 3+ revision cycles per project with zero scope creep on final deliverables

- Optimized Firebase Firestore query patterns and reduced redundant API calls, cutting average response latency by 30% across client applications

CRUMBLE

Dispatch Lead and Operations Manager

Rawalpindi, Pakistan

June 2024 – September 2024

- Supervised dispatch operations for 500+ daily deliveries- optimized routing logic and team coordination, improving operational efficiency by 85% within 90 days while leading 8-person team
- Designed and implemented shift scheduling system that reduced overlap conflicts by 60% and ensured consistent coverage across all delivery windows
- Delivered structured KPI reports to senior management; identified top 3 recurring bottlenecks and proposed process changes adopted company-wide
- Onboarded and trained 4 new team members; developed standard operating procedures that reduced average ramp-up time from 2 weeks to 5 days

SELF-EMPLOYED, FIVERR

Freelance Web and Android Developer

Remote

June 2024 – Present

- Completed 10+ international client projects- responsive websites and native Android applications using React, Flask, Node.js, and Firebase on Azure and Hostinger with full CI/CD configuration; maintained 5-star rating across all engagements
- Scoped, estimated, and delivered projects independently- handled client communication, revision management, and final deployment without supervision
- Built reusable component libraries and deployment templates across projects, reducing setup time for new client work by 50%

Leadership and Activities

U.S. EMBASSY ISLAMABAD, PUBLIC ENGAGEMENT UNIT

Focus Group Participant- Artificial Intelligence and Digital Entrepreneurship September 2025

Islamabad, Pakistan

- Selected as young professional to participate in structured discussions on artificial intelligence, digital workforce readiness, and barriers to entrepreneurship in Pakistan; contributed youth and technology perspectives alongside global partners

SIBERKOZA AU

Mentor- Internet of Things Bootcamp

Rawalpindi, Pakistan

August 2025

- Taught IoT fundamentals to 15+ students aged 12–15 across multi-day sessions covering Arduino, Cisco Packet Tracer, and Tinkercad; designed and supervised team-based smart city circuit projects

MICROSOFT LEARN STUDENT AMBASSADORS, AIR UNIVERSITY

Student Ambassador

Rawalpindi, Pakistan

September 2024 – Present

- Organized technical workshops and community learning events for 100+ students; built peer mentorship programs and expanded professional network across the Microsoft ambassador community

AUIS SERAH FEST, AIR UNIVERSITY

Deputy Head- Media, Marketing, and Awards

Rawalpindi, Pakistan

February 2024 – Present

- Directed team of 10+ across media production, marketing campaigns, and awards coordination for high-profile university events; established schedules, delegated responsibilities, and ensured on-time delivery of all event components

Projects

SIBERKOZA PLATFORM

React, Vite, Flask, Firebase, Google Cloud Platform, Docker, GitHub Actions, Google play console

- 5 simultaneous live products shipped from zero- web, mobile, kiosk, admin panel, and Smart Bench; full SDLC ownership, LLM pipeline integrated

SIBERKOZA MOBILE APPLICATION

React Native CLI, Firebase SDK, Firebase Cloud Messaging, Redux, Flask backend, CI/CD pipeline

- Full Expo to bare CLI migration- 12 native modules re-linked, push notifications configured, Play Store Android App Bundle produced

DSOC- LLM-POWERED SECURITY OPERATIONS CENTER

LangChain, Docker, Kubernetes, Azure, Google Cloud Platform, React, Python

- Automated log ingestion and LLM threat classification pipeline with real-time analyst dashboard; led 4-person development team

FULL-STACK BLOG PLATFORM

React, Node.js, Express, MongoDB, Multer, Material-UI, JSON Web Token

- Authentication, image uploads, rich text editing, and fully responsive layout- complete platform built end-to-end

Hard Skills

Programming Languages: Python, JavaScript (ES6+), TypeScript, Dart, C/C++, PHP

Frontend Development: React.js + Vite, React Native (bare CLI), Redux, React Query, Context API, Tailwind CSS, Flutter, HTML5/CSS3, Material-UI, Chart.js

Backend and APIs: Flask, Node.js, Express, RESTful API Integration, WebSocket, Firebase (Auth, Firestore, Cloud Functions, Storage), MongoDB, MySQL, SQLite

AI and LLM: LangChain, Pinecone RAG, LLM Pipeline Integration, Prompt Engineering

DevOps and Cloud: Docker (multi-stage builds), GitHub Actions, CI/CD, Google Cloud Platform, Azure, AWS, Kubernetes, Firebase Hosting, Linux, Bash

Testing and QA: Jest, Postman, Manual QA, Cross-browser testing (Chrome, Firefox, Safari, Edge)

Version Control: Git, GitHub, branching strategies, pull request reviews, 435+ contributions

Soft Skills

Leadership: Team management, intern mentorship, sprint facilitation, task delegation, onboarding

Communication: Stakeholder reporting, written technical documentation, client-facing feedback management

Problem-Solving: Root cause analysis, architectural decision-making, scope conflict resolution

Project Management: Agile, Scrum, sprint planning, KPI tracking, cross-functional coordination

Language: Urdu (native), English (professional working proficiency)

Certifications

- Prompt Engineering - Coursera / DeepLearning.AI
- Introduction to DevOps - Coursera
- Introduction to Generative AI - Google Cloud
- C++ Data Structures in Standard Template Library - Coursera
- Database Design and Basic SQL - Meta via Coursera
- Version Control - Meta via Coursera
- Information Technology Advanced Course - AGT Institute Rawalpindi

Achievements and Interests

Key Achievements: 7 live products shipped simultaneously; 435+ GitHub contributions in a single year; 85% operational efficiency improvement; 40% page load reduction; 5-star Client rating across 10+ projects; selected by U.S. Embassy Islamabad for AI and entrepreneurship focus group

Interests: Open-source contribution, IoT mentorship, community technology education, AI/LLM application development, competitive problem-solving