

Abdul Rehman

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Summary

Motivated Computer Science student at the University of Karachi with 2+ years of hands-on experience in web development and AI-based automation. Proficient in Python, JavaScript, and modern DevOps tooling including Docker, Terraform, and CI/CD pipelines. Actively seeking entry-level opportunities in DevOps, AI Engineering, or Frontend Web Development to apply skills in cloud-native and AI-driven environments.

Experience

AI Developer

Jun 2026 – Present

Personal Project

Karachi, Pakistan

- Built **Jarvis**, a fully offline voice-controlled AI assistant using Python, Ollama, and local LLM inference, enabling end-to-end AI automation without cloud dependency.
- Integrated speech recognition and Text-to-Speech (TTS) modules to deliver a seamless, hands-free user experience with modular, scalable architecture.
- Published the project on GitHub with complete documentation, demonstrating version control discipline and open-source contribution readiness.

Freelance Web Developer

2022 – Present

Self-Employed

Karachi, Pakistan

- Designed and delivered 5+ responsive client websites using HTML, CSS, JavaScript, and Bootstrap, deploying across Netlify, GitHub Pages, and Firebase Hosting.
- Applied modern UI/UX best practices and integrated third-party APIs to enhance functionality, improving overall site engagement and user retention.
- Maintained clean version control workflows with Git and GitHub across all projects, ensuring reliable deployment and code maintainability.

Instructor & Home Tutor

2021 – Present

Self-Employed

Karachi, Pakistan

- Conducted personalized web development tutoring sessions in HTML, CSS, JavaScript, and programming logic for multiple students across varying skill levels.
- Designed structured, individualized learning paths that accelerated student progress and helped learners build professional portfolios.
- Prepared students for technical interviews, resulting in improved placement readiness and confidence in real-world coding assessments.

Projects

Jarvis AI Assistant

Python, Ollama, Speech Recognition, TTS, Git

Voice-controlled offline AI assistant with modular architecture, supporting fully local LLM inference, voice command automation, and real-time TTS output.

Personal Portfolio Website

HTML, CSS, JavaScript, Firebase Hosting

Fully responsive developer portfolio with animated UI, scroll-reveal effects, and dark mode; deployed globally on Firebase with optimized performance across all devices.

Calculator App

JavaScript, HTML, CSS

Feature-complete calculator with keyboard support, operator chaining, and robust edge-case handling built using vanilla JavaScript and DOM manipulation.

Education

Bachelor of Science in Computer Science (BSCS)

2025 – 2029

University of Karachi

Karachi, Pakistan

- Coursework: Java, Data Structures, Object-Oriented Programming, and core CS fundamentals.

Intermediate – Pre-Engineering

2023 – 2025

Adamjee Govt. Science College

Karachi, Pakistan

Technical Skills

Languages: Python, JavaScript, Java, HTML, CSS
DevOps: Docker, Terraform, Linux, CI/CD Pipelines, Git & GitHub
Cloud: AWS (Exploring), Firebase Hosting
AI / ML: Ollama (Local LLM), Speech Recognition, Text-to-Speech, Automation
Web Dev: HTML5, CSS3, Bootstrap, Responsive Design, REST APIs
Tools: VS Code, IntelliJ IDEA, Eclipse, Git, GitHub
Languages: English (Professional), Urdu (Native)

Certifications

CyberSavvy: Navigating Linux & Essential CyberSecurity

June 8, 2026

UrduCourses — Verified Certificate | 8 Modules | 7 Hours | Linux & Cybersecurity