# HAROON ABBAS

Software Engineering Student

Rawalpindi, Pakistan | +92 345 0623909 | haxoonabbas@gmail.com | LinkedIn: HaroonAbbas | GitHub: HaroonAbbas12

## PROFESSIONAL SUMMARY

Final-year Software Engineering student with hands-on experience in Python development, software projects, system automation, and technical problem-solving. Familiar with Linux, Docker, CI/CD workflows, and AI technologies. Interested in building practical software solutions, exploring emerging technologies, and continuously developing technical skills.

## EDUCATION

**BS Software Engineering — Riphah International University** *2023 – Expected 2027*

**FSc Pre-Engineering — FG Sir Syed College, Rawalpindi** *2021 – 2023*

## TECHNICAL SKILLS

**Programming:** Python, JavaScript, Dart, SQL, Bash

**Technologies:** Flutter, Docker, Git, GitHub Actions, TensorFlow

**Technical Knowledge:** Linux, Networking, OOP, Data Structures, CI/CD, Machine Learning

**Development Environment:** Ubuntu, Windows, VS Code, PowerShell

## PROFESSIONAL EXPERIENCE

**Market Research Analyst — Silver Light Research** *Feb 2026 – Jul 2026*

- Managed communication with 50+ clients and contributed to 15+ completed research projects.
- Coordinated client requirements, project timelines, and deliverables.
- Maintained project documentation and supported client follow-ups; assisted with business development.

**Technology Sales & Client Relations** *Sep 2025 – Feb 2026*

- Engaged with US-based clients to promote technology solutions, including AI-powered voice agents.
- Presented AI-driven solutions and managed sales inquiries, follow-ups, and customer requirements.

## PROJECTS

**CALNET — Fitness & Nutrition Platform | Flutter** *Final Year Project — In Progress*

- Developing a platform for personalized wellness with activity, dietary intake, and progress tracking.
- Building an expert consultation feature connecting users with fitness and nutrition professionals.

**AI Voice Assistant | Python, Raspberry Pi**

- Developed a wake-word voice assistant with speech recognition, text-to-speech, and voice commands.

**ASHM — Automated System Health Monitor | PowerShell, HTML, JavaScript**

- Built a tool collecting CPU, RAM, storage, and event log data, with HTML reports and a live dashboard.

**Pneumonia Detection | Python, TensorFlow, Keras, MobileNetV2**

- Built and trained a 3-block CNN to classify 32×32 RGB images across 10 categories, achieving 85% accuracy on 12,500 test samples.
- Applied MobileNetV2 and transfer learning for chest X-ray image classification.

## CERTIFICATIONS & COURSES

Python Essentials 1 & 2 — Cisco | Linux Essentials — Cisco | AI Fundamentals — IBM SkillsBuild | Operating Systems & Networking Basics — Cisco | The Entrepreneurial Perspective — Cisco

## LEADERSHIP & VOLUNTEER EXPERIENCE

**Documentation Head & Member — IEEE Riphah FC Student Branch** *2025 – Present*

- Served as Documentation Head and helped organize major technical events, including INMIC and CAIDS.
- Supported event planning, coordination, and documentation activities.

**Member — Agile Pakistan, Islamabad Section** *Present*

- Engaged with the Agile Pakistan community and participated in knowledge-sharing activities.