

# ASAD AHMAD BAJWA

## Python Developer

[LinkedIn Profile](#)   [GitHub Profile](#)

Kamahan , Lahore

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### PROFESSIONAL SUMMARY:

Highly motivated and detail-oriented Python Developer with a passion for open-source technologies and innovation. Proficient in writing high-quality, maintainable Python code and experienced in Linux environments. Committed to producing well-documented, tested, and scalable solutions. Adept at collaborating with globally distributed teams and contributing to open-source communities.

### AREAS OF EXPERTISE:

- ✓ Programming languages: Python, Bash
- ✓ Databases: SQL, NoSQL
- ✓ Leadership, Teamwork & Communication
- ✓ Django, Resful APIs, Docker
- ✓ Version control: Git, GitHub
- ✓ Problem Solving & Optimization skills

### PROFESSIONAL EXPERIENCE

#### Red Hat

Python Developer | 07 March, 2022 - Present

- Designed and implemented robust Python applications to meet client needs, ensuring maintainability and scalability.
- Contributed to open-source projects, enhancing features and resolving issues.
- Debugged complex software issues and provided high-quality fixes, reducing application downtime by 15%.
- Collaborated proactively with cross-functional, globally distributed teams to deliver on project goals.
- Authored comprehensive technical documentation to facilitate knowledge sharing and team onboarding.

### RELEVANT PROJECTS:

#### Distributed Data Processing Pipeline

- Built a distributed data processing system using Python and Docker.
- Enabled real-time analytics on large datasets, reducing processing time by 40%.
- Implemented secure data transfer mechanisms and enhanced system performance.

#### Ubuntu Package Manager Enhancements

- Enhanced features in the Ubuntu package manager, improving user experience.
- Contributed to the Ubuntu packaging community by resolving critical bugs.
- Optimized package installation times, achieving a 25% speed improvement.

### EDUCATION:

#### 2021 - 2025 | Riphah International University

Bachelor of Computer Science - Software Engineering

- Relevant coursework: Data Structures, Algorithms, Operating Systems, Distributed Systems