

Ammar Shahid

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Obsessed Technology Enthusiast working with solving problems by automating everything around him. With an Impressive Home Lab consisting of both hardware electronics and Software automation systems, dedicating his time to tinker around, curiously exploring virtual worlds, making mind numbing algorithms to cater to problems and challenges. Having 4 years of experience in solving industrial problems with nearly 100 different projects in over 10 different tech stacks.

Remote Software Development Experience:

- Working with remote clients and having lead roles in firmware development and manufacturing direction.
- Made software utilities using Python and C to speed up manufacturing and deployment by 90%.
- Made the architecture for handling and maintaining 1000+ active IoT devices.
- Made firmware for IoT products increasing their efficiency to 1.6 times and guaranteeing 99% uptime.

Cloud Computing Experience:

- Developed and maintained my own website on a cheaply bought Linux machine.
- Developed and deployed Web Applications on Google Cloud Platform, using App Engine, Compute Engine, Google Cloud SQL.
- Worked on Linux Shell made Bash scripts, SSH, VNC and remote monitoring.
- Configured a Domain name, DNS records and Cloudflare Zero Trust Tunnel.
- Configured Docker Containers and Docker-compose scripts, System services and virtualization.
- Configured a NAS, network setting, router settings, DNS Sinkhole, FileZilla FTP Server and Syncthing to synchronize files.
- Worked on Zabbix to make custom scripts for notifications alerts and automations.

Artificial Intelligence Experience:

- Made projects with Computer Vision such as Agricultural Drones, Smart Trolley, and Modular Robots.
- Developed Chatbot applications including Multilingual Virtual Assistant and Lungs Disease FAQ software.
- Made Neural Network Classifiers such as Resume Rater and Covid Cough Classifier.
- Certification in Building AI from University of Helsinki.

Professional Experience:

Teknovation.io, IoT Engineer,

August 2022 – Present

CESR Pak, IoT Engineer,

April 2019 – July 2020

Ashtech Pakistan, Founder and Tech Lead,

January 2021– Present

Education:

Sir Syed University of Engineering and Technology

BS Computer Engineering, 2019-2024

NCR-CET

Inter Computer Science, 2016-2018

Certifications:

Elements Of AI

University of Helsinki - 2021

Building AI (Advanced Coding)

University of Helsinki - 2021

Certified Python Engineer

Mangtas - 2023

Languages:

English , Urdu