

# Syed Mohsin Bukhari

Embedded and Software Engineer

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## OBJECTIVE

Seeking a challenging position as an Embedded and Software Engineer where I can contribute my skills in electronics and programming to drive innovation and achieve remarkable results.

## EXPERIENCE

<b>Amargarh Grid Station</b> Intern	Dec 2022 - Feb 2023
<b>Hanfia High School</b> Tutor	2020

## EDUCATION

<b>Islamic University of Science &amp; Technology, Pulwama</b> Bachelor of Technology - BTech Grade: A	Sep 2019 - Jul 2023
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## SKILLS

### Programming:

- MATLAB
- Python
- Embedded C
- HTML, CSS, JavaScript

**Tools:** KiCAD, Arduino, Multisim, Xilinx Vivado, TinkerCAD, Raspberry Pi, LabVIEW

### Technologies:

- VHDL
- IoT
- Computer Vision
- Machine Learning

## PROJECTS

<b>Personal Portfolio website</b> <a href="https://mayourbukhari.github.io/Personal-Portfolio/">https://mayourbukhari.github.io/Personal-Portfolio/</a> Discover my professional journey on my portfolio website.	Oct 2023
<b>Fruit Grading &amp; Sorting System</b> Automatic grading & sorting of fruits & dry fruits.	Jan 2022
<b>Traffic Control System</b> Intelligent traffic signal regulation using IR sensors.	Aug 2023
<b>Visionary Fruit Sort</b> <a href="https://visionaryfruitsort.vercel.app/">https://visionaryfruitsort.vercel.app/</a> Explore the site to experience the seamless integration of design and functionality.	Jul 2023
<b>Keyless Door Lock System</b> Arduino-based with keypad & LCD.	Jul 2022
<b>Gas Detection System</b> Detects gas leaks & shuts off the regulator.	Aug 2022
<b>Automatic Street Light Control</b> Smart bulb control using LDR.	May 2022