

AUTONMOUS FIRE SHIELD 🔥

RAPID RESPONSE & SUPPRESSION SYSTEM

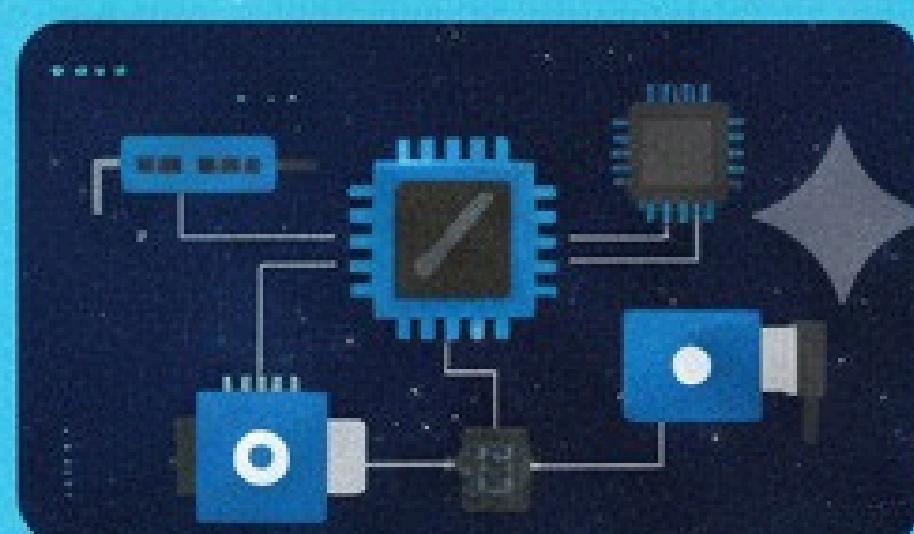
CHALLENGE

Traditional fire detection systems are often slow, requiring human intervention. Rapid fire spread is a major risk, causing damage and danger.



INNOVATION

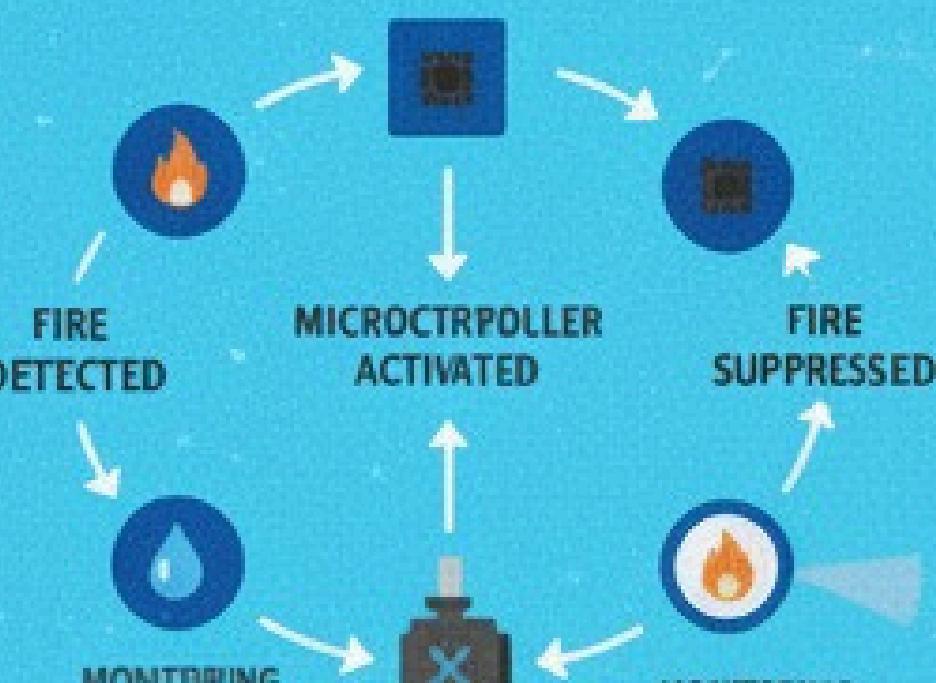
Integrated intelligent system for immediate fire identification & automated suppression response time



KEY FUNCTIONALITY

- FLAME SENSOR:** Detects infrared radiation from fire.
- MICROCONTROLLER:** Processes data, triggers actions.
- WATER PUMP & MOTOR:** Ejects water faster towards fire source.
- POWER:** RELIABLE BATTERY SUPPLY

WORKFLOW



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