

MINCHU BC

D/O Channappa Halebudanuru Village and post, Mandya taluk, Mandya district Karnataka-571404.

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Career Objective

Aiming for an opportunity to apply Python Developer with a strong foundation in Core Python, problem-solving, Analytical thinking and programming logic. Eager to contribute to innovative projects and grow my expertise in software development within a collaborative environment and Demonstrates eagerness for staying updating on emerging technologies.

Technical Skills

- **Programming Languages:** Core Python
- **Tools & Libraries:** Python Libraries (e.g., NumPy, Pandas), Jupyter Notebook (if applicable)
- **Other Skills:** Logical problem-solving, debugging, and basic programming design patterns.

Education

B. E – Electronics and Communication Engineering.

Visvesvaraya Technological University Belagavi-590018, Government Engineering College Kushalnagara. December, 2021– June, 2025

Key Courses: Python Programming, Data Structures & Algorithms.

Projects

1. Project Name: Fire Fighting Robot.

- Developed a robot reduce the risk for fire fighters by fire detection.
- Autonomous Navigation: Navigate autonomously and approach the fire source.
- Remote and visual monitoring: utilizing the ESP32CAM to capture images or stream video for real time visual feedback during a fire event.
- Alert system: communication tool like GSM sends messages

2. Project Name: Password Generator using random module.

- Import required libraries like random contains-randit, uniform and so on, string: it belongs to built-in package.
- Using functions for generating different parts of the password (letters, numbers)
- Add user input options for customizing their desired length and character sets.

Certifications & Training

- **Python Programming Certification** –Besant Technologies Nov 2024-Dec2024.
- **VLSI SoC Design using Verilog HDL** –Maven silicon Oct 2024-Nov2024.

Key Strengths

- Strong analytical and problem-solving skills.
- Quick learner, passionate about coding and technology.
- Effective team player with good communication skills.

Hobbies & Interests

- Exploring new Python libraries and tools.
- Reading about new advancements in software development.

Declaration

I hereby declare that the above-mentioned details are true to the best of my knowledge and belief.