

**Harshitha B**

**Python Full Stack Developer**

(Entry Level)

✉: [harshithaappu22@gmail.com](mailto:harshithaappu22@gmail.com)

☎: 8792633109

🌐: <https://www.linkedin.com/in/harshithab22/>

📍: Bangalore

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### Career Objective:

Motivated and detail-oriented entry-level **Python Full Stack Developer** with a **strong problem-solving** and **teamwork abilities** seeking a **full-stack development role** to apply my skills in **Python, SQL**, and **modern web technologies**. Eager to contribute to innovative projects, collaborate with agile teams, and continue learning in a dynamic tech environment.

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### Technical Skills:

**Programming Languages:** Python, HTML, CSS, JavaScript

**Database:** Oracle Database (SQL)

**Frameworks:** Django

**Core Concepts:** Object-Oriented Programming

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### Internships:

**AI-DevOps Engineer**

[October 2022]

- Completed an AI-DevOps Engineer internship at **Rooman Technologies** in collaboration with **IBM** and **Wadhwani Foundation**, focusing on **CI/CD automation**, **DevOps tools**, and **cloud integration**.
- Gained skills in **Docker**, **Terraform**, **CI/CD Pipeline Development**, **AWS** and **integrated security tools** such as **SonarQube**, **Trivy**, and **HashiCorp Vault** into DevOps pipelines.

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### Certifications:

- Introduction to Artificial Intelligence - Simplilearn
- Python Programming - AANS Technology
- Machine Learning - Simplilearn
- Power BI for Beginners - Simplilearn
- AI-DevOps Engineer - Rooman Technology / IBM & Wadhwani Foundation

## Projects:

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### Age and Gender Detection System using Machine Learning:

- Developed a **machine learning model** to predict a person's age group and gender from facial images. Utilized **OpenCV** and **pre-trained models** (e.g., **CNN**, **Haar Cascade**) for face detection and classification.
- Processed image datasets and trained classification algorithms using Python libraries like **TensorFlow/Keras**.

### Automated Pothole Management System:

- Developed an **IoT-based Automated Pothole Detection System** using **Arduino**, **ultrasonic sensors**, and **ESP8266** for **real-time data transmission** and **cloud-based monitoring**.
- Implemented **wireless communication**, enabling **automated road condition tracking** to reduce **manual intervention** and enhance **smart city infrastructure**.

## Education:

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| ➤ <b>B.E in Computer Science and Engineering</b><br>Jnanavikas Institute of Technology, Bidadi | <b>Dec 2021 - June 2025</b><br>CGPA: 8.1        |
| ➤ <b>Pre-University Course (PUC)</b><br>Government PU College, Chikkamagaluru                  | <b>Mar 2019 - Mar 2021</b><br>Percentage: 76    |
| ➤ <b>Secondary Education</b><br>Kittur Rani Chennamma Residential School                       | <b>Mar 2016 - Mar 2019</b><br>Percentage: 86.75 |

## Areas of Interest:

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- Learning Emerging Technologies
- Exploring new places and cultures
- Indoor gardening and urban agriculture
- Solving coding problems

## Personal Details:

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Date of Birth: 22/06/2003

Father's Name: Basavaraj

Languages Known: Kannada, English

Marital Status: Unmarried