

# Shuba S

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[shuba-s.vercel.app](https://shuba-s.vercel.app)

## Career Objective

Computer Science graduate (2025) with a solid understanding of Python, HTML, and CSS, seeking a fresher or internship role as a Python Developer. I am eager to apply my technical skills, work on challenging projects, and grow in a collaborative and innovative environment.

## Education

<b>B.E. (Computer Science &amp; Engineering)</b> Visvesvaraya Technological University, Karnataka East Point College of Engineering and Technology, Bangalore	8.74 CGPA 10	July-2025
<b>CLASS 12 (PCMB)</b> KSPUC - Karnataka Board of the Pre-University Education, Karnataka Sri Maruthi PU College, Hoskote	95.00 %	Jul-2021
<b>CLASS 10 (English, Kannada, Hindi, Mathematics, Science, Social Science)</b> KSEEB - Karnataka Secondary Education Examination Board, Karnataka Anugraha Education Society, Hoskote	90.40 %	Apr-2019

## Technical Skills:

### Programming Languages: Python.

**Frontend:** HTML, CSS, Bootstrap.

**Backend:** Flask, Django, FastAPI, Node.js

**Databases:** MySQL, PostgreSQL, MongoDB.

**ML Libraries:** Pandas, NumPy.

**Dev Tools:** Git, Docker, Visual Studio 2022, VS Code.

**OS:** Windows, Ubuntu.

## Internships

- AI and Software Engineering Intern - Deepcept AI (Present)
- Salesforce Developer – SmartInternz (Jan 2025)
- Python Developer – Techplement (Aug 2024)
- Full Stack Web Development – Dotch Endeavours (Nov 2023)
- Machine Learning with Python – Verzeo (Jan 2023)

## Project Summary:

### AI Chatbot System

**Duration: September 14, 2025 (3 hours)**

**Tech Stack:** Flask, Jinja2, Flask-Login, Flask-WTF, OpenAI API

- Assembled an AI-powered chatbot web app using Flask and OpenAI API, featuring basic user login and limited session tracking via SQLite.

### Tainerz – Docker Manager

**Duration: April 14, 2025 – April 20, 2025**

**Tech Stack:** Flask, Docker.

- Engineered a Flask backend to enable viewing Docker images and controlling container states (start/stop).
- Constructed RESTful APIs to support browser-based interaction with Docker engine.

### **Image Captioning using Deep Learning**

**Duration: September 30, 2024 – January 31, 2025**

**Tech Stack:** Python, TensorFlow, Keras, CNN, Jupyter Notebook.

- Adapted and extended a prior deep learning model to build an image captioning system using CNN (via TensorFlow/Keras), optimizing performance on a new dataset through extensive tuning and experimentation.

### **CRM Application for Laptop Rentals**

**Duration: November 8, 2024 – January 26, 2025**

**Tech Stack:** Salesforce, Flows Automation.

- Built and configured Flows in Salesforce to automate key processes within a CRM application for laptop rentals.

### **Image Recognition System**

**Duration: June 26, 2024 – July 26, 2024**

**Tech Stack:** Python, CNN, TensorFlow, Keras, OpenCV, Flask, Jupyter Notebook.

- Designed and improved an image recognition model using TensorFlow, Keras, and OpenCV, focusing on training, debugging, and accuracy tuning, with a Flask-based interface for real-time prediction display.

### **Visi Net Market – Inclusive E-commerce Website**

**Duration: February 20, 2024 – July 20, 2024**

**Tech Stack:** Flask, HTML, CSS, MySQL, Pyaudio, Speech Recognition.

- Built the frontend and accessibility features of an e-commerce website for visually impaired users using HTML, CSS, Flask, and Python libraries like Pyaudio and Speech Recognition, with partial involvement in MySQL database integration.

### **Flappy Bird (clone) – Python Game Development**

**Duration: February 20, 2024 – July 20, 2024**

**Tech Stack:** Python, Pygame.

- Developed a 2D Flappy Bird clone using Python and the Pygame library by customizing open-source code, implementing core mechanics, and enhancing visual elements.

### **Travel Guide Website**

**Duration: October 30, 2023 – November 30, 2023**

**Tech Stack:** Flask, HTML, CSS, Jinja Templates

- Designed and implemented the full responsive frontend of a Flask-based travel guide web app using HTML and TailwindCSS, while gaining hands-on experience with Flask's routing and template structure.

**Portfolio Link:** [shuba-s.vercel.app/Journey-Quest-Travel-Guide-by-shuba](https://shuba-s.vercel.app/Journey-Quest-Travel-Guide-by-shuba)

### **Blood Bank Management System**

**Duration: August 10, 2023 – November 10, 2023**

**Tech Stack:** Django, HTML, TailwindCSS.

- Developed the responsive frontend design using TailwindCSS and HTML, and managed the PostgreSQL database schema with Django models for a Blood Bank Management System.

**Portfolio Link:** [shuba-s.vercel.app/blood-bank-ms-by-shuba](https://shuba-s.vercel.app/blood-bank-ms-by-shuba)

### **Zomato Data Analysis Using ML**

**Duration:** October 1, 2022 – November 30, 2022

**Tech Stack:** Python, Pandas, NumPy, Matplotlib, Jupyter Notebook.

- Conducted exploratory data analysis on Zomato dataset using Python libraries to uncover key patterns in restaurant data and gain insights into customer preferences.

**Portfolio Link:** [shuba-s.vercel.app/zomato-data-analysis-by-shuba](https://shuba-s.vercel.app/zomato-data-analysis-by-shuba)

### **Languages**

Kannada (Fluent), English (Fluent), Hindi (Fluent), Telugu (Intermediate)

### **Personal Strengths**

Communication | Leadership | Problem Solving | Planning | Teamwork | Adaptability | Self-Regulation | Commitment and Focus | Presentation Skills | Self-Motivation | Interpersonal Skills.

### **Hobbies**

Dancing, anime, movies & dramas, mobile gaming, music, indie writer, micro-fiction writer.