

VEERESH H P

+91 6361968505 veereshhp2004@gmail.com
Bengaluru, India LinkedIn

Aspiring software engineer with strong Python skills and a solid foundation in Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), and web development. Passionate about building scalable, high-performance systems to solve real-world problems.

Education

SJB Institute of Technology , B.E. in Information Science and Engineering CGPA: 7.9	Bengaluru
Sri Vyshnavi Chetana PU College PUC – Percentage: 76.67%	Davanagere
B E A High School 10th Grade – Percentage: 89.6%	Davanagere

Skills

Languages: Python, C, Java (Basics)
Frontend: HTML, CSS, JavaScript, React.js
Frameworks: Flask
Databases: MySQL, MongoDB
Tools: VS Code, Jupyter Notebook
Soft Skills: Communication, Decision-Making, Adaptability, Team Collaboration

Projects

Video Transcript Summarizer — Python (Flask, NLP), JavaScript

- Developed YouTube transcript summarization tool using Flask and NLP techniques (LSA and abstractive models).
- Integrated language detection, flexible input handling, and efficient text processing.
- Designed a responsive web interface for a better user experience.

Invoice OCR Web App — Python (Flask, OCR), React.js

- Created an OCR system using Flask and Tesseract to extract structured data from invoices.
- Built a React.js frontend with interactive tables and PDF and image previews.
- Implemented secure authentication and user access control.

BOLT – Breaking Obstacles with Lip-reading Technology (Ongoing) — Python, OpenCV, Deep Learning

- Built a real-time lip-reading system using CNN + RNN (CTC), OpenCV, MediaPipe, and a Tkinter GUI (Graphical User Interface).
- Integrated NLP (Natural Language Processing) using NLTK for grammar correction and improved text generation.
- Enhanced model performance with data augmentation and transfer learning, with plans for multilingual support.

Certifications

- The Joy of Computing Using Python — SWAYAM
- Database Management Systems — SWAYAM
- Programming in Java — SWAYAM
- Postman API Fundamentals – Student Expert Certification
- Basics of Operating Systems — Cisco Networking Academy