

HEMANTH H A

Address: Hariharapura, Pavagada,
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CAREER OBJECTIVE:

- ❖ I aim to apply my technical knowledge in real-world scenarios by transforming theoretical concepts into practical solutions that drive innovation and add value to the organization, With a strong passion for automation, I constantly look for opportunities to simplify processes and optimize daily tasks through self-developed tools and scripts
- ❖ I am passionate about automation and consistently seek to simplify and optimize daily tasks through self-built tools and scripts.
- ❖ I am eager to leverage my skills to create impactful change, foster innovation, enhance efficiency, and contribute meaningfully to the long-term success and growth of the organization.

ACADEMIC PROFILE:

College/School Name	Specification	Grade/Percentage	Year
Shridevi Institute of Engineering and Technology, Tumkur	*BE, Computer Science and Engineering	7.9 CGPA – Up to 6th Semester (Till Date)	2022-2026
Ashok comp pu college	PUC, PCMB	86 %	2020-2022
Jnana Vahini School	SSLC	90.5%	2019-2020

CERTIFICATES

- ❖ Introduction to Programming in C, NPTEL Certification
- ❖ Infosys Basics of Python
- ❖ DSA in C++

PROJECTS

LICENCE PLATE RECOGNITION SYSTEM: Developed an automated system using Python, OpenCV, and Tesseract OCR to detect and recognize vehicle license plates from images. The project involved preprocessing steps like grayscale conversion, edge detection, and contour analysis to accurately locate number plates. Optical Character Recognition (OCR) was used to extract alphanumeric characters from the detected plates. The system can be applied in areas like automated toll collection, parking access control, and traffic surveillance.

Technologies used: Python, Tesseract, OpenCV, NumPy, PyCharm IDE.

SCHOOL MANAGEMENT SYSTEM: It is a software application designed to streamline and automate the day-to-day operations of educational institutions. It provides an integrated platform to manage student information, admissions, attendance, examinations, and teacher records efficiently. The system reduces paperwork, minimizes errors, and saves time by centralizing data and making it easily accessible. With features like report generation, fee management, and communication tools, it enhances coordination between administrators, teachers, students, and parents. Overall, this project aims to improve efficiency, transparency, and productivity in managing school activities.

Skill Set:

C, C++, Python, HTML, CSS, JavaScript, MySQL, Object-Oriented Programming, Data Structures & Algorithms, Linux administrator, Web Development, Database Management, Version Control: GitHub

Hobbies & Interests:

Hackathons, Reading Tech Blogs & Articles, Gaming, Watching Movies/Series.

Personal information:

DOB: 14 Aug 2004

Permanent address: S/O Ashwath H T
Hariharapura, pavagada,
Tumkur, Karnataka-572116

Linguistic Knowledge:

Languages	Speak
English	YES
Kannada	YES

Declaration:

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place: Pavagada

Signature

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