

SHASHANK B S

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Objectives

To leverage my strong foundation in computer science and full-stack development to develop efficient, scalable solutions, while continuously enhancing my skills and contributing innovative ideas to solve real-world challenges.

Education

B.E., Computer Science and Engineering

Visvesvaraya Technological University

Adichunchanagiri Institute of Technology, Chikkamagaluru

May 2025

8.9 CGPA

PUC Science, PCMB

BGS PU Science & Commerce College, Belur

July 2021

90 Percentage

SSLC

United Academy High School, Belur

April 2019

90 Percentage

Technical Skills

Programming Languages: Java

Front End Framework: HTML5, CSS3, JavaScript

Back End Framework: Node.js, Express.js

Database: MySQL, MongoDB

Projects

Adaptive lightweight network on military target and object Detection *TensorFlow, OpenCV, Python* Dec 24 - Jan 2025

- Engineered a lightweight neural network with TensorFlow and YOLOv5 for precise low-camouflage military target detection.
- Optimized image preprocessing and feature extraction using OpenCV for enhanced classification accuracy.
- Designed a Python-Tkinter GUI enabling real-time image upload and detection visualization.

ChartApp – Real-Time Chat Application *JavaScript (MERN), Socket.IO, Cloudinary*

Jun 25 - Jul 2025

- Built a real-time one-on-one chat app using a complete JavaScript tech stack (MERN).
- Integrated user authentication (JWT), profile updates with Cloudinary image upload.
- Used Socket.IO for real-time messaging and seen status functionality.
- Developed RESTful APIs with Express and secure user/session handling on Node.js backend.
- Designed a clean, responsive React frontend with Context API and Axios for state and data handling.

Brain Tumor Detection *Flask, OpenCV, Python*

Apr 24 - May 2024

- Developed a web app using HTML, CSS, and Flask for BrainTumor Detection with OpenCV and Python.
- Implemented image processing features for accurate tumor detection and a user-friendly interface.

Event Management System *HTML, CSS, PHP*

- Developed an event management system using HTML, CSS, PHP, and MySQL to streamline event organization.
- Implemented user-friendly interfaces using HTML, CSS, and JavaScript.
- Designed and managed backend with PHP
- Integrated MySQL for data storage and retrieval.
- Enabled user authentication and role-based access control.

Achievements

- Submitted Technical Paper on the project 'Adaptive lightweight network on military target and object Detection' in 3rd International Conference on Knowledge Engineering and Communication Systems (ICKECS-2025) at SJCT Institute of Technology in Association with IEEE Bangalore Section, Participated and presented a paper.
- Completed a 70-hour IEEE Philanthropy Program aimed at upskilling government school teachers and empowering students in rural areas.
- Postman API Fundamentals Student Expert Badge by Postman

Languages

English

Kannada

Hindi