

Shivakumar Nyamagoud

[GitHub](#) | [LinkedIn](#) | [Email](#) | [Portfolio](#) | [+91 805 038 5397](#)

CAREER OBJECTIVE

An ambitious Software Engineer with strong problem-solving abilities and a passion for building scalable, user-centric web applications. Skilled in both front- and back-end technologies, with a drive to contribute to innovative projects and thrive in a fast-paced, collaborative engineering environment.

EDUCATION

2022 - Present	B.E in CSE at Dayananda Sagar College of Engineering	(CGPA: 8.66/10.0)
2022	Class 12 (PUC) , Sai Niketan PU College	(Percentage: 94.73%)
2020	Class 10 (SSLC), SHS High School	(Percentage: 92.96%)

SKILLS

Languages	C, C++, Python
Frontend	HTML, CSS, Tailwind CSS, JavaScript, React
Backend	Node.js, Express.js, Next.js, SQL
Tools	Git, GitHub, Tableau
CS Fundamentals	Data Structures, Algorithms, Object-Oriented Programming (OOP)

PROJECTS

Chat Application *MongoDB · Express.js · React · Node.js · Socket.IO · JWT Authentication*

- Built a real-time chat application with secure authentication and dynamic messaging features.
- Implemented user registration / log-in with JWT authentication and password encryption for security.
- Integrated Socket.IO for real-time communication that supports one-to-one and group chats.
- Designed an intuitive React front end with a responsive user interface for a seamless cross-device experience.
- Created RESTful APIs using Express.js and managed persistent chat data with MongoDB.
- The full stack app was developed and tested to ensure scalability and smooth performance. [\[View Code\]](#)

Feedback Collector *React · Next.js · Tailwind CSS · Firebase · Netlify · Serverless Functions*

- Developed a responsive full-stack web app to collect user feedback (name, email, message) with real-time validation and smooth user experience.
- Built using Next.js App Router and styled with Tailwind CSS, supporting dark/light modes and full mobile responsiveness.
- Integrated Firebase for real-time database operations, authentication, and secure data handling.
- Implemented an Admin View with toggle visibility for submitted feedbacks in a clean card layout.
- Deployed via Netlify CI/CD for fast load times and automatic updates. [\[View Code\]](#) [\[Live Demo\]](#)

- Designed and developed a high-performance restaurant website using Next.js and Tailwind CSS.
- Integrated Firebase for real-time database operations, authentication, and secure data handling.
- Implemented dynamic menus, customer reviews, and a reservation system with an intuitive user interface.
- Showcased signature dishes, chef specials, and seasonal offers with a responsive and mobile-friendly design. [\[View Code\]](#)

Bird Species Classification via Voice Recognition

TensorFlow/Keras · Librosa · Python ·

MobileNetV2 · Matplotlib · BirdCLEF Dataset

- Built an audio classification model using MobileNetV2 and transfer learning to identify bird species based on their unique chirping patterns.
- Processed bird sound recordings from the BirdCLEF dataset by converting them into Mel spectrograms using Librosa.
- Achieved high classification accuracy through fine-tuning of pre-trained models and strategic data augmentation.
- Developed and trained the model using TensorFlow/Keras, utilizing Google Colab for scalable cloud-based experimentation.
- Visualized Mel spectrograms and model performance metrics with Matplotlib to gain insight into prediction accuracy.

Netflix Data Analysis – Insight of Movies and TV Shows

Tableau · Data Visualization

- The Netflix data set was analyzed to uncover insights on global viewing patterns, content popularity, and genre trends.
- Key metrics such as most-watched genres, release year trends, and country-wise content distribution were visualized using Tableau dashboards.
- Enable interactive filtering and drill-downs to explore specific time frames, genres, and regions.

CERTIFICATIONS & TRAINING

ServiceNow	CSA (Certified System Administrator)	[View Certificate]
Octanet	Web Development Internship	[View Certificate]
Blitz'24	Hackathon Participant – Contributed to the <i>Student Assistant</i> project	[View Certificate]

PERSONAL DETAILS

Name	Shivakumar Nyamagoud
Location	Bangalore, India
Email	shivakumarnyamagoud@gmail.com
Phone	+91 805 038 5397
LinkedIn	shivakumar-nyamagoud-43a87a328
GitHub	Shivakumar-nyamagoud