

Shrinivas Nadager

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EDUCATION

visvesvaraya technological university Center For PG Studies <i>B.Tech in Computer Science and Engineering</i>	Kalaburgi, Karnataka, India <i>OCT. 2023 – Present</i>
H.K.E's Polytechnic <i>Diploma in Computer Science and Engineering</i>	Kalaburgi, Karnataka, India <i>DEC 2020 – JUNE 2023</i>

TECHNICAL SKILLS

Languages: HTML, Python, MySQL, C, CSS
Frameworks: Flask, Streamlit, Tailwind CSS
Developer Tools: Git, GitHub, VS Code, PowerBi, AWS, Render.com
Libraries: pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, Hugging Face Transformers
Core Skills: Data Structures and Algorithms, Object-Oriented Programming(OOPs), Computer Networks

WORK EXPERIENCE

Web Developer (Backend) <i>Yukti Fest Website Development Team</i>	<i>VTU CPGS, Kalaburagi</i> <i>Feb 2025 – Mar 2025</i>
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- Developed and maintained the backend for the official fest website: `yukti.vtucpgsklb.in` using **Flask**.
- Implemented **Supabase** for database management and real-time data handling.
- Ensured robust security with vulnerability-free code and effective hosting strategies.
- Deployed the project on **Render.com**, optimizing for minimal cost and high performance.
- Played a key role in achieving a **200% increase in registrations** over previous editions.
- Collaborated in a team of 5 developers, contributing to planning, development, and deployment.

PROJECTS

Sanjeevani AI: Smart Health Companion	MARCH 2025 - Present
<ul style="list-style-type: none">• Tech Stack: HTML, Tailwind CSS, Flask, Supabase, TensorFlow/PyTorch, Hugging Face Transformers, scikit-learn, OpenAI API• Developing AI healthcare assistant providing disease predictions and Ayurvedic wellness recommendations using TensorFlow/PyTorch• Implementing ML and NLP pipelines for symptom analysis and personalized health insights with scikit-learn and Hugging Face Transformers• Built conversational AI chatbot for real-time health query responses• Engineered Flask backend with Supabase for secure health record storage and real-time updates• Integrated OpenAI API for advanced recommendations and Google Analytics for user engagement tracking• Designed as open-source platform to make healthcare insights widely accessible	
KisanSetu - Farmer-to-Customer Marketplace	MARCH 2025 - Present
<ul style="list-style-type: none">• Tech Stack: HTML, Tailwind CSS, JavaScript, Flask, Supabase, Render.com, Google Analytics• Developing direct farm-to-table marketplace platform eliminating middlemen, reducing costs by 30% for consumers while increasing farmer profits• Engineered secure multi-role authentication system for farmers, customers, and administrators• Built admin dashboard with product management and customer portal with cart/checkout using Flask and Supabase• Implementing real-time inventory updates and user management via Supabase backend• Deploying on Render.com achieving 99.5% uptime during peak harvest seasons• Optimized UX through Google Analytics-driven improvements, increasing conversion rate by 25%	

- Designed roadmap for payment gateway integration and logistics partner API connections

Yukti 2025 - College Fest Website

FEB 2025 - MAR 2025

- Tech Stack: HTML, Tailwind CSS, JavaScript, Flask, Supabase, Render.com, Google Analytics
- Developed and deployed official college fest website handling 680+ registrations and 100,000+ views
- Implemented dynamic event registration system, guest management, and sponsorship portal using Flask and Supabase
- Integrated Google Analytics to track engagement and optimize performance, resulting in 200% registration revenue increase
- Deployed on Render.com ensuring 99.9% uptime for 1,050+ participants during fest period
- Designed responsive UI with Tailwind CSS that adapted seamlessly across all device types
- GitHub: [Yukti-2025](#)

AI-Based News Web App

NOV 2024 - DEC 2024

- Tech Stack: HTML, Tailwind CSS, JavaScript, Flask, NLP(Transformers), RESTful API
- Developed a web app using transformer-based NLP model to summarize news articles with real-time updates via News API
- Implemented secure authentication with OTP verification via email and password hashing for user privacy
- Added personalized features including saved articles bookmarking and topic-based categorization
- Built responsive frontend with Tailwind CSS and interactive components with JavaScript
- GitHub: [Ai-News-Hub](#)

CERTIFICATIONS

- **Python for Data Science** *Jan–Feb 2025*
NPTEL – Indian Institute of Technology Madras
Scored 61% — Elite Certification
- **Linux Essentials** *Sep 26, 2022*
Cisco Networking Academy – NDG (Network Development Group)
Covered Linux navigation, command-line usage, security, and file permissions
- **The Web Developer Bootcamp 2019** *Nov 5, 2019*
Udemy (Instructor: Colt Steele)
74 hours of full-stack web development
- **Networking Essentials** *Jun 22, 2022*
Cisco Networking Academy – Karnataka German Technical Training Institute (Kalaburgi)
Covered LAN setup, IP addressing, network security, and router configuration

LANGUAGES

English: Professional Proficiency
Hindi: Professional Proficiency
Kannada: Native Proficiency