

JANHAVI MAKARAND SONAR

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CAREER OBJECTIVE

Aspiring **Software Developer** with hands-on experience in **full-stack development**, **machine learning**, and **IoT projects**. Eager to contribute to **innovative solutions** in a **collaborative environment** while continuously growing as a **problem solver** and developer. Motivated to work on impactful technologies that improve **user experience** and solve **real-world challenges**.

EDUCATION

MVP's Karmaveer Adv. Baburao Ganapatrao Thakare College of Engineering, Nashik (SPPU)

B.E. Computer Engineering (pursuing)

(August 2022 – Present)

CGPA: TE – 9.21 | SE – 9.39 | FE – 9.27 | Aggregate - 9.29

HPT Arts and RYK Science Junior College, Nashik | HSC – 81.50% | CET Percentile – 94.40

(March 2022)

Shriram Vidyalaya, Nashik | SSC – 94.00%

(March 2020)

TECHNICAL SKILLS

- Languages - C++, Python
- Web Development – HTML, CSS, JavaScript, MERN Stack
- Database – MySQL
- Concepts – Data Structures, Computer Networks
- Tools - GitHub, VS Code, Postman

SOFT SKILLS

- ✓ Decision Making
- ✓ Teamwork
- ✓ Time Management
- ✓ Adaptability

INTERNSHIPS

1. Full Stack Web Development with MERN | Edunet Foundation

(Feb 2025 – Mar 2025)

- Gained **industry experience** in full-stack development using **MongoDB**, **Express.js**, **React.js**, and **Node.js**
- Worked on **real-world applications**, focusing on **secure authentication**, **database handling**, and **UI responsiveness**.

2. Green Skills using AI technologies | Edunet Foundation

(Jan 2025 – Feb 2025)

- Learned **AI-driven predictive modeling** for solar power output generation.
- Gained experience in **data preprocessing**, **feature engineering**, and **model optimization** using **Python**, **NumPy**, **Pandas**, **Matplotlib**, and **Scikit-learn**.

3. Machine Learning Intern | Anita Software Consultancy

(Jan 2025 – Feb 2025)

- Contributed to **data preprocessing**, **model evaluation** and **front-end deployment** of a Diabetes Prediction System under mentorship. Coordinated with backend team and documented model workflow.

4. Web Development Intern | InternPe

(May 2024 – June 2024)

- Developed **responsive web projects** using **HTML**, **CSS**, and **JavaScript**.
- Gained **hands-on experience** in **frontend development** and **UI design**.

PROJECTS

1. Personal Finance Management App (MERN Stack)

(Feb 2025 – Mar 2025)

- Developed a **full-stack financial tracker** using **MongoDB**, **Express.js**, **React.js**, and **Node.js**.
- Implemented **expense tracking**, **user authentication** and **interactive analytics dashboard**.

2. Diabetes Prediction System | Python, Random Forest, Flask

(Jan 2025 – Feb 2025)

- Developed a **machine learning model** using **Random Forest** to predict diabetes likelihood.
- Built a **Flask-based web UI** to enable **user-friendly input** and **result visualization**.

3. Smart Agriculture System

(Mar 2024 – Apr 2024)

- Built an **IoT-powered automated irrigation system** using **NodeMCU-ESP8266** & **moisture sensor**.
- Reduced **manual water management** by **60%** through **real-time monitoring & automation**.
- Developed a **mobile-friendly dashboard** for farmers to **remotely control irrigation**.

4. CamTap – A Virtual Keyboard

(Feb 2023 – Mar 2023)

- Developed a **gesture-controlled virtual keyboard** using **Python**, **OpenCV** and **MediaPipe**.
- Enabled **hand-tracking-based text input**, enhancing **accessibility** for users.

CERTIFICATIONS

- Introduction to Python–Infosys
- Python for Data Science - NPTEL - 79%
- AICTE Edunet Foundation MERN Stack Training
- Programming in C++ – SimpliLearn
- C Programming

ACHIEVEMENTS

- 1st Prize – Pre-Qualifier Round, SIH-2024
- Reached Zonal Level in Avishkar 2025 Research Project Competition (SPPU)
- Qualified Round-2 in ELICIT Career Carnival
- Participated in various inter-college project competitions

INTERESTS Coding | Travelling | Cycling | Electrical Work